ADPRO eFT zugelassene IP-Kameras - Testgruppe

Hersteller	Type	Driver	Anzahl der Streams	Bekannte Probleme	Firmware Version	FT2 Version
AXIS	M3006	M3006	Tested as 2 stream (although capable of 4) IP cam def: 3.	I/O not tested No OSD No privacy mask	5.40.13	2.6.19
AXIS	P1204	P1204	Tested as 2 stream (although capable of 4) IP cam def: 3.	I/O not tested No privacy mask	5.40.12	2.6.19
AXIS	P3364	P3364-L	Tested as 2 stream (although capable of 4) IP cam def: 3.	No zoom No manual/auto focus No iris I/O not tested No OSD	5.40.10,5	2.6.20
AXIS	P3384	P3384	Tested as 2 stream (although capable of 4) IP cam def: 3.	I/O not tested No OSD	5.40.11	2.6.20
AXIS	M1143-L	M1143-L	Tested as 2 stream (although capable of 4) IP cam def: 3.	I/O not tested Privacy mask position	5.40.10.4	2.6.20
AXIS	Q7411	Q7411 (*)	Tested as 2 stream (although capable of 4) Status = NOT appr, needs retesting.	No privacy mask	5.40.13.1	2.6.20
AXIS	P1354	P1354	Tested as 2 stream (although capable of 4) IP cam def: 3.	N/A	5.40.18	2.6.20
AXIS	M3005	M3005	3 stream IP cam def: 3.	N/A	5.40.5.3	2.6.20

AXIS	P3304	P3304	Tested as 2 stream (although capable of 4) IP cam def: 3.	N/A	5.40.9.2	2.7.12
BOSCH	AutoDome 800 HD	AutoDome 800 HD	2 stream	No bright/cont/sat No manual/auto focus No iris Audio not tested	5.7 (BUILD 43) ALFA versie	2.6.37
BOSCH	Dinion HD1080	Dinion HD 1080p IVA	2 stream	Audio not tested	5.7 (BUILD 43) ALFA versie	2.6.37
BOSCH	FlexiDome NDN-498-P	FlexiDome NDN-498-P	2 stream	No bright/cont/sat Audio not tested	5.7 (BUILD 43) ALFA versie	2.6.37
BOSCH	Flexidome NDN-921-P	Flexidome NDN-921-P	2 stream IP cam def: 2.	No bright/cont/sat Audio not tested	5.7 (BUILD 43) ALFA versie	2.6.37
BOSCH	NDC-225-p	NDC-225-p	2 stream	Audio not tested	5.7 (BUILD 43) ALFA versie	2.6.37
AXIS	M3004	M3004	Tested as 2 stream (although capable of 3) IP cam def: 3.	I/O not tested	5.40.5	2.6.20
AXIS	P5532-E	P5532-E	3 stream	No contrast No iris No privacy mask	5.20.1	2.6.42
Sony	SNC-DH110T	SNC-DH110T	2 stream	OSD: time only	1.78.00	2.6.42
Pelco	TI3-X-ADCAUV9	Pelco Camera	2 stream	No cont/bright/sat No inputs No audio No privacy mask	SW v. :1.8.2.18-20121109-1.9441-O4.8503 HW v.:9441-O4.2-13142	2.8.13
Axis	P1357	P1357	3 stream	Privacy mask position	5.40.19.1	2.6.42
Sony	SNC-CH110	SNC-CH110 (*)	2 stream	OSD: time only Rem 1 : If 4:3 resolutions are required, make sure the camera is set accordingly, the same for 16:9 Rem 2 : the 2 streams must also stream with the same aspect ratio.	1.78.00	2.6.42
AVIGILON	2.0-H3-B2	ONVIF	2 stream	No cont/bright/sat No input No privacy mask	2.4.10.4	2.6.42

Bosch	AUTODOME 7000 HD	ONVIF	2 stream	No cont/bright/sat No maual or auto focus No iris No OSD	5.80 build 73	2.6.51
Bosch	FLEXIDOME HD 1080p HDR VR IVA	ONVIF	2 stream	No OSD No privacy mask	5.80 build 73	2.6.51
Axis	Q7404	Q7404 (*)	3 stream	No cont/bright/sat No private zones	5.20.1	2.6.51
Axis	Q7411	Q7411 (*)	3 stream	No cont/bright/sat No OSD No private zones	5.40.13.2	2.8.21
Axis	M3025	M3025 (*)	3 stream	When privacy mask is off-centre, it is a little bit displaced	5.40.5	2.9.3
HikVision	DS-2CD7153-E	DS-2CD7153-E	2 stream	Camera firmware can only be V4.0.3 121126 OSD limited functionality	V4.0.3 121126	2.10.0002 (FT2E/FT2X only)
HikVision	DS-2CD8153F-E	DS-2CD8153F-E	2 stream	Audio not working properly	V5.0.8 130930	2.10.0002 (FT2E/FT2X only)
HikVision	DS-2CD833F-E	DS-2CD833F-E	2 stream	Camera firmware can only be V4.0.3 121126 OSD limited functionality Audio not working properly	V4.0.3 121126	2.10.0002 (FT2E/FT2X only)
HikVision	DS-2CD883F-E	DS-2CD883F-E	2 stream	Camera firmware can only be V4.0.3 121126 OSD limited functionality Audio not working properly	V4.0.3 121126	2.10.0002 (FT2E/FT2X only)
HikVision	DS-2CD2012-I	DS-2CD2012-I	2 stream	Camera firmware must be V4.08/V4.0.9. Upgrade to version V5.x.x isn't supported OSD limited functionality	V4.0.8 121109	2.10.0002 (FT2E/FT2X only)
HikVision	DS-2CD2032-I	DS-2CD2032-I	2 stream	Camera firmware must be V4.08/V4.0.9. Upgrade to version V5.x.x isn't supported OSD limited functionality	V4.0.9 121109	2.10.0002 (FT2E/FT2X only)
HikVision	DS2CD762MF-IFB	DS2CD762MF-IFB	2 stream	Camera discontinued Audio not working properly	V2.0 121114	2.10.0002 (FT2E/FT2X only)

HikVision	DS-2DF1-512	DS-2DF1-512	2 stream	Audio not working properly NO Focus, NO Iris	V3.1.6 build 130322	2.10.0002 (FT2E/FT2X only)
Sony	SNC-VB600B	SNC-VB600B (*)	2 stream	- can work with three streams, R&D work to be done if 3 streams is required - bright/sat/cont not working - manual and auto focus not working - no audio - inputs not working - outputs not working - only 1 output visible, cam has 2 - no OSD - provacy mask not working	1.5.1	2.10.2 FT2E
Sony	SNC-VB630	SNC-VB630 (*)	2 stream	- can work with three streams, R&D work to be done if 3 streams is required - bright/sat/cont not working - manual and auto focus not working - no audio - inputs not working - outputs not working - only 1 output visible, cam has 2 - no OSD - provacy mask not working	1.5.1	2.10.2 FT2E
Axis	P1353	P1353 (*)	3 stream	- image may NOT be rotated or mirrorerd for defining privacy mask - auto- and manual focus are not working in FT2 client	5.40.19.1	2.10.3 FT2/FT2E

Sony	SNC-CH220	SNC-CH220 (*)	2 stream	- manual and auto focus not working (feature disabled) - OSD not working - FT2 client shows 2 outputs, only 1 available Rem1 : Privacy mask works ok on 4/3 resolution, but if camera is set on 16/9, the mask is shifted compared to the desired place. Rem2 : VMD of camera is seen by FT2E	1.80.00	2.10.6.0 FT2E
JVC	VN-H57U	VN-H57	2 stream	no issues	4.05.013	2.10.8.0 FT2E
JVC	VN-T16U	VN-T16U	2 stream	- bright/Con/Sat : feature enabled but not working - audio : available on a connector in the camera, but checkbox in FT2 can not be saved. - input/output : 1 in and 1 out available on camera, but FT2 shows 2 for each, and they don't work.	j.2.2.2232	2.10.7.0 FT2E
Axis	P5414-E	P5414-E(*)	3 stream	privacy mask : working on camera but disabled in FT2	5.55.1	2.10.8.0 FT2E
Axis	Q1765-LE	Q1765-LE(*)	3 stream	privacy mask : working on camera but disabled in FT2	5.55.1	2.10.8.0 FT2E
Bosch	NTC-265-PI	ONVIF	2 stream	30fps asked but FT2 limits it to 15 704x480 asked => 1280x720 is used! 352x240 30 fps asked => 1280x720 is used! -audio with ext mic NOK	5.72 build 28	2.10.8.0 FT2E
AVIGILON	AVIGILON 2.0MP WDR HD Bullet Camera	ONVIF	2 stream	- no privacy mask - no input - no zoom	2.6.0.14	2.10.8 FT2E

Samsung	SND-5061P	SND-5061P(*)	3 streams	-30fps asked, but only 8 coming out. When looking in webinterface, 'stream1' is configured for 8 fps (done by FT2) ! -reacts very slowly on brightness, no reaction on contrast -I/O : no reaction on input input -I/O : 0 available, FT2 shows 1 -OSD not working -privacy mask not working	1.21_131002	2.11.1.0 FT2E
Samsung	SNF-7010	SNF-7010(*)	3 streams	-30fps asked, but only 8 coming out (cam is capable of 20fps. When looking in webinterface, 'stream1' is configured for 8 fps (done by FT2) ! - no reaction on contrast - OSD not working - privacy mask not working	1.00_130806	2.11.1.0 FT2E
ACTi	E54	E54	2 streams	- No FT2 support - Disable RTP B frames - H264 Baseline support only	A1D-500-V6.05.23-AC	2.10.008 FT2E
Axis	M1114	M1114	3 streams	- privacy mask not positioned as drawn	5.50.3	2.10.008 FT2E
Axis	M1114-E	M1114-E	3 streams	- privacy mask not positioned as drawn	5.50.3	2.10.008 FT2E
Axis	Q1614	Q1614	3 streams	- capture mode changes available resolutions - camera FPS 50/60 not supported. - H.264 Main profile cannot be used. Only Baseline is allowed - privacy mask not positioned as drawn	5.55.1.1	2.10.008 FT2E

Axis	Q1614-E	Q1614-E	3 streams	- capture mode changes available resolutions (see test sheet for details) - camera FPS 50/60 not supported. - H.264 Main profile cannot be used. Only Baseline is allowed - privacy mask not positioned as drawn	5.55.1.1	2.10.008 FT2E
Panasonic	WV-SP105	ONVIF	2 stream	- 30fps asked but FT2 limits it to 15 - Only 4:3 resolutions supported - contrast/sat/brightness : not working, these parameters are not available in camera but others are - privacy mask does not work (but in camera it is ok)	1. Application : 1.82 2. Image data : 1.03	2.11.1.0 FT2X (i7)
JVC	VN-H557U	VN-H557	2 stream	- limited to 15 fps - autofucous button not working (manual is OK) - OSD not working - privacy mask not working - in-screen ptz : camera difficult to move just a little bit.	1. Streaming manager : 1.00.524 SPL2971 2. PT Controller : 1.00.27 SPL3003	2.11.4.0 FT2X (i7)
JVC	VN-H657U	VN-H657	2 stream	- limited to 15 fps - brightness doesn' work well - saturation and contrast not working - OSD not working - privacy mask not working - make sure camera is set to multi-encoding and the 2 streams are set on h.264 (in camera web interface)	Streaming manager : 2.00.801 SPL2841 PT Controller : 2.00.14 SPL2808 Peripheral : 1.00.005 SPL2809	2.11.5.0 FT2X (i7)

Axis	Q6044-E	Q6044-E(*)	3 stream	- limited to 25 fps - contrast not working - iris not working - privacy mask not working (Feature disabled in FT2 client, but works fine on camera interface)	5.55.1	2.11.5.0 FT2X (i7)
Axis	P3354	P3354	3 stream		5.40.17	2.10.8 FT2E
JVC	VN-H157WPU	VN-H157W	2 stream	- limited to 15 fps - brightness/contrast/saturation not workingl - OSD disabled in client but working on camera - make sure camera is set to multi-encoding and the 2 streams are set on h.264 (in camera web interface)	4.05.013	2.11.13.0 FT2E
Panasonic	SW598	SW598 (*)	2 stream	1) No OSD over FT2 2) No privacy mask over FT2	1.09	2.11.0015
Samsung	SNB-5004	SNB-5004	3 stream	1) limited to 8 fps on all resolutions => I-frame distance 2 seconds!! 2) No OSD over FT2 3) No privacy mask over FT2 4) Audio codec set to G711 for best result compared to G726 5) Camera can output 60 fps, this feature isn't supported by the FT2	1.13_131218	2.11.13.0 FT2E

Sony	SNC-EM600	SNC-EM600 (*)	2 stream	1) limited to 2 streams, more are available but this is a safety measure 2) No OSD over FT2 3) No privacy mask over FT2 4) FT2 reports camera has outputs, which it hasn't. 5) Frame rates above 5 cannot be set by the FT2E, but if I use the web interface the FT2 streams at the higher fps and then reverting to lower using the ft2 client will work. (f.i. 15 fps)	1.12.0	2.10.0008
Axis	Q6042-E	Q6042-E(*)	3 stream	- Resolution Extended D1 unknown for FT2 client - limited to 25 fps - contrast not working - iris not working - privacy mask not working (Feature disabled in FT2 client, but works fine on camera interface)	5.55.1.2	2.11.22.0 FT2E
Axis	Q6044-E	Q6044-E(*)	3 stream	1) No pricay mask in FT2 client	5.55.1.1	2.11.23 FT2E
Samsung	SNV-6084R	SNV-6084R(*)	3 stream	1) No OSD over FT2 2) No privacy mask over FT2	2.23	2.11.23 FT2E
Samsung	SNO-5080R	SNO-5080R(*)	3 stream	- fps limitted to 8! - OSD not working - privacy mask not working	3.22_131228	2.11.23 FT2E
Samsung	SPE-101	SPE=101(*)	3 stream	fps limitted to 8!	2.30_130820	2.11.23 FT2E
Axis	Q6045-E	Q6045-E(*)	3 stream	1) No pricay mask in FT2 client 2) Device can only handle upto 20 FPS (3 streams)	5.55.1.2	2.11.24 FT2E
Bosch	DINION IP starlight 7000 HD	DINION IP starlight 7000 HD	2 stream	1) Audio not working properly in FT2 2) No OSD in FT2 client 3) No privacy mask in FT2 client 4) FPS limited to 15	5.90	2.11.25 FT2E

JVC	VN-H257VPBU	VN-H257VP(*)	2 stream	1) Audio not working on FT2E 2) No brightness/Contrast/Saturation 3) No privacy mask in FT2 client 4) Device can only handle upto 15 FPS (2 streams on low quality)	6.01.006	2.11.25 FT2E
ACTi	E64	E64	2 stream	- by default, camera has B2 frames enabled and is set to High profile, this causes crash of FT2 : disable B2 and set baseline profile in camera webinterface!! - FT2 limits framerate to 15, camera can deliver 30 - brightness/saturation/contrast not working. - OSD disabled in FT2 but available in camera - privacy mask feature disabled in FT2 but available in camera	V6.06.16	2.11.24 FT2E
AXIS	P1355	P1355(*)	3 stream	1) No privacy mask in FT2client 2) Camera can't handle more than 15 fps when 3 streams are used.	5.40.19.1	2.11.25 FT2E
AXIS	P1355-E	P1355-E(*)	3 stream	1) No privacy mask in FT2client 2) Camera can't handle more than 15 fps when 3 streams are used.	5.40.19.1	2.11.25 FT2E
AXIS	P3365-V	P3365(*)	3 stream	- CR and ER on max res and max fps not possible (e.g. 1920x1080/25fps for ER and 1280x720/10 fps is possible) - zoom not working - focus not working - privacy mask feature disable (but available on camera web interface)	5.55.3.1	2.11.25

Samsung	SNP-6200RHP	SNP6200RH(*)	3 stream	1) fps limited to 8 fps 2) privacy mask feature disabled (but available on camera web interface) 3) OSD feature disabled (but available on camera web interface)	3.02	2.11.27
Samsung	SNV-7084	SNV-7084(*)	3 stream	1) fps limited to 8 fps 2) privacy mask feature disabled (but available on camera web interface) 3) OSD feature disabled (but available on camera web interface)	1.00	2.11.27
SONY	SNC-DH120	SNC-DH120(*)	2 stream	1) Only date and time work when set over FT2. Web interface must be used for more text on OSD 2) Privacy mask must be done over webinterface	1.82.1	2.11.29 FT2E
SONY	SNC-DH210T	SNC-DH210T(*)	2 stream	1) Only date and time work when set over FT2. Web interface must be used for more text on OSD 2) Privacy mask must be done over webinterface 3) Input could not be tested due to missing connector, but it is displayed in the FT2 client	1.82.1	2.11.29 FT2E
SONY	SNC-VM600B	SNC-VM600B(*)	2 stream	1) Privacy mask must be done over webinterface	2.2.1	2.11.29 FT2E

ACTi	E86	E86	2 stream	- by default, camera has B2 frames enabled and is set to High profile, this causes crash of FT2 : disable B2 and set baseline profile in camera webinterface!! - FT2 limits framerate to 15, camera can deliver 30 - brightness/saturation/contrast not working. - OSD disabled in FT2 but available in camera - privacy mask feature disabled in FT2 but available in camera	V6.06.16	2.11.27 FT2E
AXIS	Q1615	Q1615(*)	3 stream	- CR and ER on max res and max fps not possible (e.g. 1920x1080/25fps for ER and 1280x720/10 fps for CR is possible) - OSD text always white - privacy mask to be configured while image is NOT rotated	5.55.3.3	2.11.27 FT2E
JVC	VN-H237	VN-H237(*)	2 stream	1) ft2 fw 2.11.27 sets the wrong iframedistance (fps=10,8,5,4,3) fps=15 is Ok), one needs to set the correct distance in the camera webinterface and match the settings in the FT2 client	6.0.11	2.11.27 FT2E
AXIS	Q3505-V	Q3505(*)	3 stream	- privacy mask : feature disabled in FT2 but available in webinterface of camera	5.55.3.2	2.11.29 FT2E
HIKVISION	DS-2DF7284-A	DS-2DF7284-A (*)	2 stream	1) privacy mask : feature disabled in FT2 but available in webinterface of camera	5.1.8 build 140616	2.11.29 FT2E
AXIS	P1425-LE	P1425-LE(*)	3 stream	- zoom not working (only zoom available, no pan - no tilt possible) - focus not working (manual and auto)	5.55.3.2	2.11.29 FT2E

Manufacturer	Model	Model (tested)	Streams	Remarks	Camera FW	FT2E version
Samsung	SND-5084	SND-5084 (*)	3 stream	1) privacy mask : feature disabled in FT2 but available in webinterface of camera 2) OSD : feature disabled in FT2 but available in webinterface of camera 3) FPS limited to 8	1.13_131218	2.11.29 FT2E
Samsung	SNV-5084	SNV-5084 (*)	3 stream	1) privacy mask : feature disabled in FT2 but available in webinterface of camera 2) OSD : feature disabled in FT2 but available in webinterface of camera 3) FPS limited to 8	1.13_131218	2.11.29 FT2E
AXIS	P1425-E	P1425-E(*)	3 stream	- zoom not working (only zoom available, no pan - no tilt possible) - focus not working (manual and auto) - 2 out of 3 streams at hi res : 25 fps not always reached	5.55.3.2	2.11.29 FT2E
SAMSUNG	SPE-400	SPE-400	3 stream	1) Encoder doesn't provide sync loss when camera is disconnected	2.32_131230	2.11.29 FT2E
SONY	SNC-CH210	SNC-CH210(*)	2 stream	- 2 sets of resolutions : 16:9 or 4:3, to be choosen in webinterface of cam. - OSD not ok, only time or only camname (with evt site name int) can be choosen, not both)	1.82.1	2.11.29 FT2E

SONY	SNC-DH220T	SNC-DH220T(*)	2 stream	- on highest resolution : limit framerate to 25 fps, otherwise 2nd stream for analytics can not deliver h.264, only jpeg. - 2 sets of resolutions : 16:9 or 4:3, to be choosen in webinterface of cam. - OSD not ok, only time or only camname (with evt site name int) can be choosen, not both) - privacy masking : feature disabled in FT2 but available on camera	1.82.1	2.11.29 FT2E
AXIS	P3215-VE	P3215-VE(*)	3 stream	- zoom not working (only zoom available, no pan - no tilt possible) - focus not working (manual and auto) - 2 out of 3 streams at hi res : 25 fps not always reached	5.55.3.2	2.11.29 FT2E
ACTi	E85	E85	2 stream	- by default, camera has B2 frames enabled and is set to High profile, this causes crash of FT2 : disable B2 and set baseline profile in camera webinterface!! - FT2 limits framerate to 15, camera can deliver 30 - brightness/saturation/contrast not working. - OSD disabled in FT2 but available in camera - privacy mask feature disabled in FT2 but available in camera	A1D-500-V6.06.16-AC	2.11.29 FT2E

HikVision	DS-2CD6412FWD-10	DS-2CD6412FWD-10	2 stream	- OSD works but color of text is always black (selectable in webinterface of cam - privacy mask NOK (feature enabled but not working in FT2, on webinterface of cam it is fine) Remark : doc of HikVisions states that there are 2 alarm inputs but I see no sign of 2nd input in webinterface and FT2 also shows only 1.	V5.2.0 (build 140721)	2.11.29 FT2E
Panasonic	WV-SPN631	WV-SPN631	2 stream	1. privacy mask NOK (use webinterface) 2. only inputs work 3. No Brightness,saturation or contrast (use webinterface) 4. Does not work correctly on previous fw due to false i frame setting	1.55	2.12.9 FT2E
Eneo	PXB-1080Z03IR	PXB-1080Z03IR	2 stream	1. NO OSD and privacy mask (use camera's web interface 2. No Brightness,saturation or contrast (use camera's webinterface)	4.25-155-ds	2.12.11 FT2E
AXIS	P1428-E	P1428-E(*)	3 stream	- zoom not working (works fine in camera web GUI) - focus not working (works fine in camera web GUI) - iris not working (in camera web GUI : 'open iris' and 'enable iris') - OSD not working (works fine in camera web GUI) - privacy mask not working, feature disable in FT2 but available in camera web GUI	5.55.5.1	2.12.11 FT2E

AXIS	F41	F41(*)	3 stream	- F41 is base unit, seperate sensor is needed, this test is done with F1015 - sometimes the privacy mask is misplaced (1 out of 10 times). - OSD not on analytics stream (part of image is cut and replaced with the OSD info)	5.55.3.2	2.11.29 FT2E
Panasonic	WV-SFN631L	WV-SFN631L	2 stream	1. privacy mask NOK (feature disabled) (use webinterface) 2. No Brightness,saturation or contrast (use webinterface, only brightness available) 3. Autofocus, manual focus and (motorized) zoom not working (use webinterface)	1.71	2.12.15 FT2E
Axis	M3007 M3007-P M3007-PV	M3007 (*)	2 stream	1. privacy mask NOK (feature disabled) (use webinterface) 2. Camera must be ceiling mounted.	5.55.1.4	XOa 3.00.0001
Axis	Q1635	Q1635 (*)	3 stream	N/A	5.55.3.	XOa 3.00.0002
Axis	Q6045-E MkII	Q6045-E-MkII(*)	3 stream	max framerate (25) drops to 20 if cont. and evt. recording deamnds are too high	5.55.6	XOa 3.00.0005
sony	SNC-HM662	SNC-HM662(*)	2 stream	1. privacy mask NOK (feature disabled) (use webinterface) 2. Camera must be ceiling mounted. 3. No OSD in camera	1.2.0	XOa 3.00.0005

Axis	Q2901-E	Q2901-E	2 stream	Thermal camera. Tested with "White-hot" setting. "Rainbow" setting nearly doubles bitrate. Camera is limited to 9 fps, and since GOV is calculated on setting on XOa client, I-frame distance will be big if 30fps is choosen (+- 15s). Audio and I/O not tested, connector not provided.	5.55.4.1	XOa 3.00.0007
Grundig	GCI-K1779P	GCI-K1779P	2 stream	1. Frame rate limitation to 15 fps 2. No focus 3. No iris 4. No inputs	gr20140124NSA	XOa 3.00.0008
Santec	SNC-6312IRH	SNC-6312IRH	2 stream	1. Frame rate limitation to 15 fps 2. No focus 3. No iris 4. GOV is always 6 to 8 seconds 5. No inputs	1.0.4.500	XOa 3.00.0008
Santec	SNC-8322HO	SNC-8322HO	2 stream	1. Frame rate limitation to 15 fps 2. No focus 3. No iris 4. GOV is always 6 to 8 seconds 5. No inputs	1.0.4.500	XOa 3.00.0008
AVE	AVE-IP3EXIRBN1	AVE-IP3EXIRBN1	2 stream	1. rebranded HikVision camera, HikVision driver used 2. Frame rate limitation to 20 fps @ 2048x1536 (30 fps for lower res) 3. privacy masking : masking field put a little bit too low, the lower the field is placed, the bigger the error is.	V5.2.0 build 141016	XOa 3.00.0010
AVE	AVE-IP3EXTNH2	AVE-IP3EXTNH2	2 stream	1. rebranded HikVision camera, HikVision driver used 2. Frame rate limitation to 20 fps @ 2048x1536 (30 fps for lower res) 3. privacy masking : masking field put a little bit too low, the lower the field is placed, the bigger the error is.	V5.2.0 build 141016	XOa 3.00.0010

Eneo	NXB-980IR37M	NXB-980IR37M	2 stream	1. Camera has no osd feature 2. At high bitrates fps drops to 12.	1.4.8-T8_release	XOa 3.00.0013
Norbain/ Vista	VK2	generic driver	2 stream	1. 2s I-frame interval 2. high bitrate at low light	2.3.3-T3_release	2.11.29 FT2E
Panasonic	WV-SFN631L	WV-SFN631L	3 stream	1. privacy mask NOK (feature disabled) (use webinterface) 2. No Brightness,saturation or contrast (use webinterface, only brightness available) 3. Autofocus, manual focus and (motorized) zoom not working (use webinterface) - Seems to be for installation purposes only	1.82	XOa 3.00.0013
Concept Pro	CBP6324DN-IP4M	generic driver	2 stream	- generic driver only!! - For analytics : CIF choosen in camera, but 512x288 is seen by FT2.	v2.0.0702.1002.66.1.62.2.3	Xoa 3.02.0012
Concept Pro	CVP9328DNIR	generic driver	2 stream	- generic driver only!! - For analytics : CIF choosen in camera, but 512x288 is seen by FT2.	v2.0.0702.1002.66.2.62.2.3	Xoa 3.02.0012
Axis	P5635-E	P5635-E	2 stream	This camera needs a special cable for I/O and audio which is not delivered with the camera and was not available via the ADP. * So I/O and audio is not tested. *	5.75.1	XOa 3.00.0013
Axis	P1365	P1365 (*)	3 stream	- masked field is left compared to where field is drawed. - Two ports available, to be configured as input or output. If both are 'input' or 'output', Xoa client shows nothing. Only 1 input is visible when either of the 2 ports are input (and thus the other would be output). This input is detected by Xoa/FT2e and works as expected. The output is not shown.	5.75.1	XOa 3.00.0013

Axis	A8004-VE	A8004-VE (*)	3 stream	- in 'live view', right mouse click gives possibility to view 480x270, but 320x240 is used. - privacy mask : little bit misplaced, perhaps due to previous issue?	5.65.1	XOa 3.1.0
Avigilon	1 MP H.264 HD Camera	1.0-H3-B2 (*)	2 stream	1 - Use generic ONVIF as driver. The avigilon driver is not well suited for this type 2 - ZOOM will not work over FT2 3 - Auto Focus will not work over FT2 4 - OSD and Privacy mask are not available in FT2, use web interface in stead.	2.6.0.90	XOa 3.0.13
Vista	VK2-1080BIR3V9F	VK2-1080BIR3V9F	2 stream	- autofocus : image gets blurry (can be corrected with manual focus on XOa) - presets : different presets of zoom (this is a zoom only camera) not saved. - after FT2E is disconnected from network, image comes back at low res altough hi res was viewed before connection loss (disconnectiong only camera from network is ok)	2.2.0-T4_release	XOa 3.1.0
Axis	P3225-LVE	P3225-LVE (*)	3 stream	- Zoom not working (Zoom only cam) - autofocus and manual focus not working	5.75.3	XOa 3.0.10
Panasonic	WV-SFV631L	WV-SFV631L(*)	3 stream	1. privacy mask NOK (feature disabled) (use webinterface) 2. No Brightness,saturation or contrast (use webinterface, only brightness available)	2.5	XOa 3.02.0017

Axis	M7011	M7011 (*)	3 stream	- Brightness/contrast/saturation not working - privacy masking not working	5.75.1	XOa 3.0.10
CCTI	CCTI 315B-01	generic driver	2 stream	1 - Thermal IP camera based on HikVision Encoder DS-6701HWI works only as generic driver camera	1.2.3 Build 14120	XOa 3.01.0004
Grundig	GCI-M0566F	GCI-M0566F(*) onvif s driver used, but ipcam.def entry needed for dewarped view	2 stream	- Fisheye camera whith dewarp mode, dedicated ipcam.def file needed - 3072x2048 (max resolution) can not be set through XOa, use camera webGUI to do so. Check 2nd stream for compliance with analytics. Other available resolution are working well through Xoa. - analytics stream : Xoa wants 352x240, but camera can not go lower than 640x480 when 3072x2048 is used for 1st stream. Plus XOa shows 720x480 in the info bar. - in dewarped view mode, the 'zoom ' zooms also in, just as the 'zoom +' button. Using scroll button of mouse or dragging mouse works fine. Audio out test using Onvif device test tool failed. Message from Onvif device test tool : Getting media profiles The 'http://www.onvif.org/ver10/schema:SessionTimeout' element is invalid - The value 'P0Y0M0DT0H0M0.00false' is invalid according to its datatype	gr20150210NSZ onvif version : V14.06	XOa 3.02.0017
Axis	Q6114-E	Q6114-E (*)	3 stream		5.65.2	XOa 3.1.6

| Grundig | GCI-K1627D | GCI-K1627D (*) | 2 stream | 1 - The camera can handle up to 4 H264 streams. We successfully tested the camera running 2 streams. This camera should be used as a 2 stream camera. There is a limitation in the 1920x1080 FPS. only one stream can provide 25 fps, a second 1920x1080 stream would only achieve 13 fps
2 - After enabling the camera the whole image goes white, you need to set the brightness to the leftmost position to reduce brightness. (slider in center position doesn't work for this camera)
3 - Analytics image is cropped, causing part to the left and right to be cut off
4 - Privacy mask must be set in the web interfce
5 - OSD must be set in the webinterface
6 - INPUTS are not supported | gr20150706NSX | XOa 3.1.6 |
| Samsung | SNV-7084 | SNV-7084 | 3 stream | 1 - Frame rate limit to 8. Limit imposed by FT2E.
2 - Privacy mask must be set in the web interface of the camera.
3 - OSD must be set in the web interface of the camera. | 3.00_140915 | XOa 3.1.6 |

Sony	XM632	SNC-XM632(*)	2 Stream	1 -ONVIF driver requires that 2nd stream is set manually over the webinterface. 2 - Privacy mask must be set in the web interface of the camera. 3 - OSD must be set in the web interface of the camera. 4 - Sony driver can also be used, but this limits the bitstream to CBR. Onvif Driver is to be preferred.	2.5.0		XOa 3.1.6
GeoVision	GV-BL2511	ONVIF S	2 Stream	1 - not possible to upgrade camera, no such option provided by camera (3.01 was on camera, 3.03 available on website of GeoVison) 2 - audio has to be enabled in webinterface of caemra (RTSP/ONVIF settings), otherwise 'no video' will be the result when audio is enabled in XOa. 3 - input (1) not seen by XOa/FT2E (onvif profile s driver used) 4 - output (1) : not working, also not working using camera webinterface 5 - zoompositions saved in XOa but camera won't jump to saved position when asked, but that is normal for this camera.	2.5.0		XOa 3.1.6

Sony	SNC-EP521	SNC-EP521(*)	2 Stream	1 -limited to 12 fps. 2 - audio must be enabled in the camera webinterface (G711) before enable it in the XOa/FT2e, gives some noise 3 - OSD : only 1 item can be displayed, not time & camname & site together	1.8.5	XOa 3.2.4
Dahua	SD59230S-HN	ONVIF S	2 Stream	- in Xoa/FT2e : audio may NOT be enabled, otherwise 'no video' (althoughcamera is audio capable!). - iris not working - 2 inputs detected, but no state change detecteed in XOa - OSD only via cam web interface - privacy mask only via cam web interface	Master version : 2.210.0004.0.R.A.3013.3N.NR, build 2015-02-13 WEB Version : 3.2.1.253936 PTZ Version : 2.02.81.RHNTEJ	XOa 3.2.6
Samsung	SNB-6004	SNB-6004(*)	3 stream	1 - Frame rate limit to 8. Limit imposed by FT2E. 2 - Privacy mask must be set in the web interface of the camera. 3 - OSD must be set in the web interface of the camera. 4 - Analytics resolution is 640x480. This is a cropped view. 640x360 would be the full view.	3.01_140804	XOa 3.2.5
Dahua	IPC-HDW1000S	ONVIF S	2 Stream	- in-camera motion detection must NOT be enabled otherwise 'no -video' when there is motion (after a while without motion video resumes) - in Xoa/FT2e : audio may NOT be enabled, otherwise 'no video'.	Software version : 2.420.000.0.R, build : 2014-09-24 Web Version : 3.2.4.213946 ONVIF Version : 2.4.1	XOa 3.2.5

American Dynamics	Illustra 600 Outdoor fix Dome	ONVIF S	2 Stream	1 - It is required to manually enable 2nd stream. 2 - GOV Setting must be done in webinterface. 3 - Audio must be set manually in webinterface	AD00-00-17-20	XOa 3.2.6
Axis	P5515-E	P5515-E (*)	3 stream	- contrast and saturation setting not available on camera - iris setting of Xoa doesn't work - no audio, no i/o available on camera	5.85.3	XOa 3.2.6
Sony	SNC-EB602R	ONVIF S	2 Stream	Onvif profile s driver : - check 2nd stream on webinterface of camera, not always correct! - zoom not working (bullet type camera with zoom possibility) - manual and autofocus not working - at reconnect after disconnect without power cycle, camera stays on 'no video'. - privacy mask : when ptz disabled (doesn't work anyway with onvif), this function is disabled in XOa, but available on camera webinterface.	2.6.1	XOa 3.2.9

Sony	SNC-EB602R	SNC-EB602R(*)	2 Stream	Tested with Sony H.264 driver : - first asked an ipcam.def file for 3 streams but that didn't work well, streams are not set as it should be. 2 stream version of this file came too late, camera had to be returned, so test is done with 3 stream file. - zoom not working - manual and autofocus not working - NO reconnect issues! (onvif problem??) - OSD : site name not showing up - privacy mask disabled in XOa (PTZ disabled) but available on camera webinterface. - analytics from camera are detected, just enable them on camera and use 'camera analytics'	2.6.1		XOa 3.2.9
Sony	SNC-EM632R	ONVIF S	2 Stream	Tested with Onvif profile s driver : - check 2nd stream on webinterface of camera, not always correct! - manual and autofocus not working - zoom ok - privacy mask disabled in XOa but available in camera webinterface (ptz disabled) - NO reconnect issues like SNC-EB602R (#1506)	2.6.1		XOa 3.2.9
Xeno	XIPDC1080-4	ONVIF S	2 Stream	OSD and privacy masking disabled in XOa client (onvif driver), but these features are available in camera webinterface.	1.3.5.11		XOa 3.2.11

Samsung	SNP-6321H	SNP-6321H	2 Stream	- manual and auto focus not working - OSD disabled in XOa but available in camera webinterface - camera can deliver up to 25 fps, but FT2e limits the fps to 8 with GOV set to 15. GOV is max 64, so 15 or 16 fps seems feasible with GOV of 60 or 64.	1.02_150918	XOa 3.2.11
Vivotek	IB8369	ONVIF S	2 Stream	OSD and privacy masking disabled (when ptz disabled) in XOa client (onvif driver), but these features are available in camera webinterface.	0102a	XOa 3.2.12
Axis	P1435-E	Axis	3 Stream	CAMERA COMPATIBLE with P1435-LE 1 - Privacy mask not positioned correctly when used with Xoa Client. Workaround possible by using web interface. 2 - Output not working/recognised in XOa Firmware	5.85.4.1	XOa 3.2.12
Axis	P1435-LE	Axis	3 Stream	1 - Privacy mask not positioned correctly when used with Xoa Client. Workaround possible by using web interface. 2 - Output not working/recognised in XOa Firmware	5.85.4.1	XOa 3.2.12

Axis	M3037-PVE	Axis	2 Stream	1. output not seen by XOa 2. GOV distance for analytics was 2 seconds (within range but remarkable) 3. GOV distance for event recording was 5 seconds (within range but remarkable) 4. OSD is hardly visible on this camera 5. Privacy mask set over XOa client works, but position is a few pixels of.	5.75.4.1	XOa 3.2.12
Bosch	FLEXIDOME IP starlight 7000 RD	FLEXIDOME IP starlight 7000 RD (*)	2 Stream	Max fps is limited to 15 because of max GOP size of 60 Must be defined in ipcam.def for I/O	6.20.0089	XOa 3.2.12
Bosch	FLEXIDOME IP outdoor 5000 IR	FLEXIDOME IP outdoor 5000 IR (*)	2 Stream	Max fps is limited to 15 because of max GOP size of 60 Must be defined in ipcam.def for I/O	6.20.0089	XOa 3.2.12
Genie CCTV	WIP13BVG: 1.3MP IP IR Bullet Camera	WIP13BV	2 Stream	1 - Audio not supported. Causes No video 2 - Input not supported by Xoa 3 - Analytics fps is 7 4 - Changing event recording resolution and frame rate will cause a temporary no video. 5 - Use Web interface for OSD 6 - Use web interface for masking	3.4.2	XOa 3.2.12

Genie CCTV	WIP3BVAF : 3MP IR Auto Focus Network Bullet Camera	WIP3BVAF	2 Stream	1 - Audio not supported. Causes No video 2 - Input not supported by Xoa 3 - Analytics fps is 7 4 - Changing event recording resolution and frame rate will cause a temporary no video. 5 - Use Web interface for OSD 6 - Use web interface for masking 7 - Use web interface for Auto Focus and Zoom	3.4.2.1	XOa 3.2.12
Honeywell	HBD2PR1X	HBD2PR1X	2 Stream	1 - Analytics image is a 4/3 aspect ratio that has a 16/9 image squeezed into it. Calibration is important 2 - Use Web interface for OSD 3 - Use web interface for masking	2.100.Honeywell 00.0.R, build: 2015-06-05	XOa 3.2.12
Axis	M3027-PVE	M3027	2 Stream	Tested by Jose Luis Blanco in Spain. Camera is identical as M3037-PVE only the housing is different. So the same remark will apply.		XOa 3.2.12
HikVision	DS-2CD4025FWD-A	DS-2CD4025FWD-A	2 Stream	1 - Highest resolution not available in FT2 2 - Input not working	5.3.5 build 151218	XOa 3.2.13
Axis	Q6128-E 4K PTZ	Q6128-E(*)	3 Stream		5.85.2.1	XOa 3.2.13

LG	LNU5110R	ONVIF S	2 Stream	- framerate limited to 5fps. GOP size is max 30, and when framerate 6...9 is set in camera, camera takes 5 fps. - brightness/contrast/saturation not working - zoom not working - autofocus not working - manual focus not working - input not seen - OSD not available in XOa but available in web interface of camera - privacy masking not available in XOa but available in web interface of camera	2211.0.0.1505220	XOa 3.2.13
MOOG	EXO Vandal Resistant Fixed HD Camera	MOOG-EXO-HD(*)	2 stream	1 - audio was not audible but Xoa indicated it was present 2 - IO not available in Xoa 3 - OSD over webinterface 4 - Privacy mask over webinterface	4.0.0.5	XOa 3.2.13

| LG | LNV7210R | ONVIF S | 2 Stream | - framerate limited to 5fps. GOP size is max 30, and
when framerate 6...9 is set in camera, camera takes 5 fps.
- brightness/contrast/saturation not working
- ptz not working. Camera is not advertized as a
ptz camera but it is possible using camera web
interface
- autofocus not working
- manual focus not working
- input not seen
- OSD not available in XOa but available in web
interface of camera
- privacy masking not available in XOa (ptz
disabled) but available in web interface of camera | 2237.0.0.1505220 | XOa 3.2.13 |

| LG | LNB5320 | ONVIF S | 2 Stream | - framerate limited to 5fps. GOP size is max 30, and
when framerate 6...9 is set in camera, camera takes 5 fps.
- on HiRes (2048x1536) : high bitrates (noise, motion)
causes framerate to drop to 0.
- resolutions mentioned in 'video inputs' are not
exactly the same as the real ones, but are so
reported by onvif.
e.g. XOa says 2040x1536, real picture 2048x1536
XOA says 1280x1024, real picture is 1365x1024
- brightness not working (contrast/saturation NA)
- autofocus NA in XOa but available in camera
- manual NA in XOa but available in camera
- input not seen
- OSD not available in XOa but available in web
interface of camera
- privacy masking not available in XOa | 2567.0.0.1506080 | XOa 3.2.13 |
| LG | LND3220R | ONVIF S | 2 Stream | - framerate limited to 7fps. GOP size is max 30.
- brightness not working (contrast/saturation NA)
- OSD not available in XOa but available in web
interface of camera
- privacy masking not available in XOa but available
in web interface of camera | 2478.0.0.1502240 | XOa 3.2.13 |

Vista	VK2-1080VRDIR35V16e	ONVIF S	2 Stream	- GOP is limited to 2xframerrate, so FT2e chooses 12 fps with GOP of 24. - bitrate can go really high with a lot of motion (worst case up to 3000kB/s!!) REM : cam was set to VBR - privacy masking not available in XOa but available in web interface of camera	1.6.4-T8-release	XOa 3.2.13
Vista	VK2-1080XIRPTZF	ONVIF S	2 Stream	- GOP is limited to 2xframerrate, so FT2e chooses 12 fps with GOP of 24. - make sure camera is set to CBR, on VBR bitrate can go really high with a lot of motion (over 2000 kB/s!!) - manual focus not working in XOa, ok in webgui - auto focus not working in XOa, ok in webgui - iris not working in XOa, ok in webgui - 4 inputs seen by XOa, but no state changes detected - OSD NA XOa, available in webgui.	1.4.2-X2-release	XOa 3.2.13
HikVision	DS-2CD2T42WD-I3/I5/I8	Hikvision	2 Stream	1. Camera uses CIF for analytics but requests the Xoa client to display it at 509x288. SAR values 2. This camera has 3 types of lenses that each have their own model ID. all 3 have been approved but only one was actually validated.	5.3.6build 151105	XOa 3.2.13

Sony	SNC-CX600	SNC-CX600(*)	2 stream	1 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used 2 - Camera has a built-in PIR sensor. As the camera wasn't tested, we don't know the correct behavior with the PIR sensor		
Sony	SNC-CX600W	SNC-CX600W(*)	2 stream	1 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used 2 - Camera has a built-in PIR sensor. As the camera wasn't tested, we don't know the correct behavior with the PIR sensor		
Sony	SNC-EB630	SNC-EB630(*)	2 stream	See SNC-EM632R on which this driver is based, this camera was not tested by Xtralis		
Sony	SNC-EM630	SNC-EM630(*)	2 stream	See SNC-EM632R on which this driver is based, this camera was not tested by Xtralis		
Sony	SNC-EM631	SNC-EM631(*)	2 stream	See SNC-EM632R on which this driver is based, this camera was not tested by Xtralis		
Sony	SNC-EM632RC	SNC-EM632RC(*)	2 stream	1 - 'See SNC-EM632R on which this driver is based, this camera was not tested by Xtralis. 2 - The difference between R and RC is that the 'C' stands for Cold, this camera can go down to colder temperatures compared to the non-C version.		

Sony	SNC-VB600	SNC-VB600 (*)	2 stream	1 - additional IO => 2 inputs, 2 outputs 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used		
Sony	SNC-VB632D	SNC-VB632D(*)	2 stream	1 - additional IO => 2 inputs, 2 outputs 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used 3 - 'See SNC-VB630 on which this driver is based, this camera was not tested by Xtralis.		
Sony	SNC-VM600	SNC-VM600 (*)	2 stream	1 - additional IO => 2 inputs, 2 outputs 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used		
Sony	SNC-VM601	SNC-VM601 (*)	2 stream	1 - additional IO => 2 inputs, 2 outputs 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used		
Sony	SNC-VM602R	SNC-VM602R (*)	2 stream	1 - additional IO => 2 inputs, 2 outputs 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used 3 - The difference between SNC-EM602R and SNC-EM602RC is that the 'C' stands for Cold, this camera can go down to colder temperatures compared to the non-C version.		

Sony	SNC-VM630	SNC-VM630(*)	2 stream	1 - additional IO => 2 inputs, 2 outputs 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used 3 - 'See SNC-VB630 on which this driver is based, this camera was not tested by Xtralis.		
Sony	SNC-VM631	SNC-VM631(*)	2 stream	1 - additional IO => 2 inputs, 2 outputs 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used 3 - 'See SNC-VB630 on which this driver is based, this camera was not tested by Xtralis.		
Sony	SNC-VM632R	SNC-VM632R(*)	2 stream	1 - additional IO => 2 inputs, 2 outputs 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used 3 - 'See SNC-VB630 on which this driver is based, this camera was not tested by Xtralis.		
Sony	SNC-WR602C	SNC-WR602C(*)	2 stream	1 - additional IO => 4 inputs, 2 outputs 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used Same camera as SNC-WR600 which was tested		

Sony	SNC-WR630	SNC-WR630(*)	2 stream	1 - additional IO => 4 inputs, 2 outputs' 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used Same camera as SNC-WR600 which was tested		
Sony	SNC-WR632C	SNC-WR632C(*)	2 stream	1 - additional IO => 4 inputs, 2 outputs 2 - Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used Same camera as SNC-WR600 which was tested 3 - 'C' stands for Cold, this camera can go down to colder temperatures compared to the non-C version.		
Sony	SNC-XM636	SNC-XM636(*)	2 stream	Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used 'See SNC-XM632 on which this driver is based, this camera was not tested by Xtralis.		
Sony	SNC-XM637	SNC-XM637(*)	2 stream	Camera was not tested by Xtralis, compatible due to Sony Statement that the same chipset was used 'See SNC-XM632 on which this driver is based, this camera was not tested by Xtralis.		
Sony	SNC-EB600	SNC-EB600 (*)	2 stream	See SNC-EM600 on which this driver is based, this camera was not tested by Xtralis		

Sony	SNC-EM601	SNC-EM601 (*)	2 stream	See SNC-EM600 on which this driver is based, this camera was not tested by Xtralis		
Sony	SNC-EM602RC	SNC-EM602RC (*)	2 stream	See SNC-EM600 on which this driver is based, this camera was not tested by Xtralis		
Scati	SED-11004N-E	SED-11004N-E (*)	2 stream	1 - No audio 2 - No IO 3 - No auto focus and iris control	V3.1.6 build 130322	XOa 03.02.0012 / Xoa 03.02.0012
Axis	M1125/-E	M1125 (*) M1125-E	3 stream	1 - Privacy mask wrong placement, use webinterface for better placement	3.75.3.3	3.03.0003
Pelco	IME119	Pelco Camera	2 stream	1 - Audio must be disabled in XOA. 2 - No auto/manual focus 3 - manual camera zoom not supported in Xoa 4 - Input not working in Xoa 5 - Pelco driver doesn't support OSD 6 - pelco driver doesn't support privacy mask	2.1.2.0.8280-A0.0	3.02.0013
Axis	Q3709-PVE	Q3709-PVE (*)	2 stream	1 - camera has 3 seperate lenzes and 3 seperate IP addresses. => Uses 3 channels 2 - OSD not available over Xoa, use webgui	5.75.1.1	3.02.0013
Sony	SNC-EM602R	SNC-EM602R (*)	2 stream	See SNC-EM600 on which this driver is based, this camera was not tested by Xtralis but installed at customer site		
Axis	P1357-E	P1357-E (*)	3 stream	Model is firmware identical with P1357, not validated by test team. Camera installed in UK		
Axis	P3365-VE	P3365-VE(*)	3 stream	Model is firmware identical with P3365-V, not validated by test team. Camera installed in UK		

Axis	P3365	P3365(*)	3 stream	Model is firmware identical with P3365-V, not validated by test team. Camera installed in UK		
Axis	M3045-V	M3045-V(*)	3 stream	1 issue : OSD not working, problem from Axis. This camera doesn't support overlay for 1 stream, only for all streams, which is another command. (chipset related, not firmware).	6.15.1	3.02.0013
Dahua	IPC-HDBW4220EP	IPC-HDBW4220E (*)	2 Stream	1 - Use webgui for Privacy Mask 2 - Use webgui for OSD	2.400.Dahua 00.6.R, build: 2015-04-09	3.02.0013
Dahua	IPC-HDBW5221EP-Z	IPC-HDBW5221E-Z (*)	2 Stream	1 - Manual/auto focus not operational in Xoa 2 - Use webgui for Privacy Mask 3 - Use webgui for OSD 4 - No audio	2.400.Dahua 00.10.R, build: 2015-06-18	3.02.0013
Dahua	IPC-HDBW5421EP-Z	IPC-HDBW5421E-Z (*)	2 Stream	1 - auto focus not operational in Xoa 2 - Use webgui for Privacy Mask 3 - Use webgui for OSD 4 - No audio	2.400.Dahua 00.10.R, build: 2015-06-18	3.02.0013
Dahua	IPC-HFW4220EP	IPC-HFW4220E (*)	2 Stream	1 - Use webgui for Privacy Mask 2 - Use webgui for OSD	2.400.Dahua 00.15.R, build: 2015-08-30	3.02.0013
Dahua	IPC-HFW5221EP-Z	IPC-HFW5221E-Z (*)	2 Stream	1 - Manual/auto focus not operational in Xoa 2 - Use webgui for Privacy Mask 3 - Use webgui for OSD 4 - No audio	2.400.Dahua 00.15.R, build: 2015-08-30	3.02.0013
Dahua	IPC-HFW5421EP-Z	IPC-HF5421EP-Z (*)	2 Stream	1 - Auto focus not operational in Xoa 2 - Use webgui for Privacy Mask 3 - Use webgui for OSD 4 - No audio	2.400.Dahua 00.10.R, build: 2015-06-18	3.02.0013

Concept Pro	CVP9324DNIR-IP	ONVIF S	2 Stream	- GOP is limited to 75, so FT2e chooses 18 fps as max fps to have +- 4s I-frame distance. - audio input : only noise coming out of camera - audio output : camera cannot be selected - input : status change not detected - output : cannot be activated - OSD disabled in XOa client but available on camera web GUI - Privacy masking disabled in XOa client but available on camera web GUI	v2.0.0801.1002.66.1.62.2.3	XOa 3.02.0012
American Dynamics	Illustra 610 indoor mini dome	ADCi610-D011(*)	2 Stream	1 - No Inputs 2 - OSD/Privacy mask over Webgui	AD00-00-17-20	XOa 3.02.0013
American Dynamics	Illustra Pro 3MP Minidome indoor	Illustra Pro 3MP Minidome indoor (*)	2 stream	1 - No Brightness/Contrast/saturation 2 - No Zoom and Focus over Xoa. (Use webgui) 3 - No OSD/Privacy mask over Xoa. (Use webgui) 4 - No I/O supported	1.1.1.C11078AD9	XOa 3.02.0013
American Dynamics	Illustra Pro PTZ outdoor	Illustra Pro PTZ outdoor (*)	2 stream	1 - No Brightness/Contrast/saturation 2 - No Focus over Xoa. (Use webgui) 3 - No audio (causes no video on Xoa) 4 - No I/O 5 - No OSD/Privacy mask over Xoa. (Use webgui) 6 - presets only work on Xoa firmware 3.02.0013	2.0.0.A10475ZZZ395	XOa 3.02.0013

Dahua	DH-SD6AW230-HNI	ONVIF S	2 Stream	- brightness/saturation/contrast not working with Xoa - iris not working - if audio is enabled ==> 'no video' - 7 inputs seen, but no state change detected. - OSD not working, use camera webGUI	2.420.0001.0.R.3011.3N.NR, build : 2015-02-10	XOa 3.02.0017
Axis	P5624-E	P5624-E (*)	3 Stream		6.20.1	XOa 3.02.0017
Samsung	SNP-L6233H	SNP-L6233H(*)	3 Stream	- Samsung driver needed, with onvif profile s driver : 'no video' - FT2e limits fps to 8! (camera can go to 25fps with gov up to 200) - autofocus nok - manual focus nok - iris nok - audio OK when G.711 used and 'apply power to ext mic.' checked. - OSD nok, feature disabled in XOa but it is available on camera webGUI.	1.00 160304	XOa 3.02.0017

Axis	Q6000-E	generic driver	2 stream, x4	- this device has 4 camera's on board, hence the 'generic driver' - Q6045E MkII ptz camera which came on top of it was already approved, issue #1213 - 60W midspan/power injector needed for both the Q6000 and Q6045 to be useable - URL1 (analytics) : rtsp://10.10.3.36/axis-media/media.amp?camera=1&resolution=480x270&fps=5&videokeyframeinterval=19&datetime=yes - URL2 (event recording) : rtsp://10.10.3.36/axis-media/media.amp?camera=1&resolution=1280x720&fps=25&videokeyframeinterval=99&datetime=yes - 'camera=1' in the URL should 2,3 or 4 for the remaining cams	5.95.2	Xoa 3.02.0017
Canon	VB-R11	ONVIF S	2 Stream	- Home position of camera can not be set using preset '0', must be done in camera. - brightness/saturation/contrast not working with Xoa - OSD not working, use camera webGUI - audio out test with Onvif test tool OK	1.03	XOa 3.02.0017

Samsung	SND-L6083R	SND-L6083R(*)	3 Stream	- Samsung driver needed, with onvif profile s driver : 'no video' - FT2e limits fps to 8! (camera can go to 25fps with gov up to 200) - OSD nok, feature disabled in XOa but it is available on camera webGUI. - privacy mask nok, feature disabled in XOa but it is available on camera webGUI.	1.01_150918	XOa 3.02.0017
Samsung	SNO-L6083R	SNO-L6083R(*)	3 Stream	- Samsung driver needed, with onvif profile s driver : 'no video' - FT2e limits fps to 8! (camera can go to 25fps with gov up to 200) - OSD nok, feature disabled in XOa but it is available on camera webGUI. - privacy mask nok, feature disabled in XOa but it is available on camera webGUI.	1.01_150918	XOa 3.02.0017
Samsung	SNP-L5233H	SNP-L5233H(*)	3 Stream	- Samsung driver needed, with onvif profile s driver : 'no video' - FT2e limits fps to 8! (camera can go to 25fps with gov up to 200) - autofocus nok - manual focus nok - audio OK when G.711 used and 'apply power to ext mic.' checked. - OSD nok, feature disabled in XOa but it is available on camera webGUI.	1.00 160304	XOa 3.02.0017

Canon	VB-S-30D	ONVIF S	2 Stream	- max fps limited to 15 when using 2 streams (30fps only for 1 stream) - Home position of camera can not be set using preset '0', must be done in camera. - saturation not working with Xoa (contrast/brightness NA) - OSD not working, use camera webGUI	1.3.0	XOa 3.02.0017
Concept Pro	AIR4526-IP	ONVIF S	2 Stream	- GOV is limited to 75, so FT2e limits framerate to 18 (camera can go to 25) - No 'audio in', complete silence - 'Audio out' with onvif device test tool : tool says 'test completed' but nothing was heard. - OSD : Feature disabled in Xoa, use camera webGUI if needed. - Privacy masking : Feature disabled in Xoa, use camera webGUI if needed.	v2.0.0801.1002.66.2.62.2.3	XOa 3.02.0017

| Concept Pro | VHSDIR-670EXT-IP | ONVIF S | 2 Stream | - Onvif device test tool and XOa/ft2e recognizes this camera as IPS56/20BDR/ZSC22/13 (the printed manual which is included shows VHSDIR-670EXT-IP). According to Garry, the IPS number is a Sunell (who is the manufacturer of the camera) type of number.
- GOV is limited to 75, so FT2e limits framerate to 18 (camera can go to 25)
- analytics stream is 352x288 but info bar in live view shows 512x288. Rem : in the camera webGUI CIF is selected, and in the hbox file, the hboxtool indicates also 352x288.
- Brightness/Contrast/saturation NOK
- Manual and auto focus NOK
- Iris NOK
- Presets OK except preset 0.
- Audio in : silence.
- Audio out : onvif test tool says OK but loudspeaker remains quiet (just 1 time a 'click' sound)
- 7 inputs seen by FT2e, but no state change detected.
- OSD feature disabled, use camera webGUI if needed. | v2.0.0701.1002.66.1.114.1.4 | XOa 3.02.0017 |

Concept Pro	VHSDIR-870EXT-IP	ONVIF S	2 Stream	- GOV is limited to 75, so FT2e limits framerate to 18 (camera can go to 25) - Contrast NOK (Brightness/saturation OK) - Manual and auto focus features enabled but not working, not found on camera webGUI - Iris features enabled but not working, not found on camera webGUI - Presets OK except preset 0. (camer rebooted after saving some presets??) - Audio in : silence. - Audio out : onvif test tool says OK but loudspeaker remains quiet (just 1 time a 'click' sound) - 7 inputs seen by FT2e, but no state change detected. - OSD feature disabled, use camera webGUI if needed. - Privacy masking disabled (ptz camera), use camera webGUI if needed.	v2.0.0601.1002.66.1.62.2.3	XOa 3.02.0017
Sony	SNC-XM631	Sony	2 Stream	- not tested by Xtralis, approved by customer on-site. (check with G. Carr for details)		XOa 3.02.0017
HikVision	DS-2CD2642FWD-IZ	HIKVISION	2 Stream	1 - Privacy mask NOK, use webgui 2 - analytic resolution 512x288 or 509x288 depending event res. Recorded resolution is 352x288	5.4.0 Build 160401	XOa 3.02.0017
HikVision	DS-2DF7286-AEL	HIKVISION	2 Stream	1 - Privacy mask NOK, use webgui 2 - Auto Focus/Manual Focus NOK 3 - No Iris Control	5.4.0 Build 160613	XOa 3.02.0017

ICRealtime	IC-i2t-Px20W-AIOY	ONVIF Profile S	2 stream	- Audio enabled causes no video. (solution in newer Xoa firmware - Contrast not working - IO works, but can influence other cameras - Use webgui for OSD - Privacy mask not found in webgui	2.400.General 00.3.R, build: 2014-07-30	Xoa 3.2.17
ICRealtime	ZENON-1s-PO2-IXO-x20	ONVIF Profile S	2 stream	- Audio enabled causes no video. (solution in newer Xoa firmware - Contrast not working - IO works, but can influence other cameras - Use webgui for OSD - Use webgui for Privacy mask	2.210.General 04.0.R, build: 2015-02-13	Xoa 3.2.17
Grundig	GCI-K1577TH	Onvif Profile S	2 stream	- Input not ok - Rebooting FT2 causes camera brightness to go up - Use webgui for OSD - Use webgui for Privacy mask	gr20160909NSX	Xoa 3.02.0017
Grundig	GCI-K1677D	Onvif Profile S	2 stream	- Input not ok - Rebooting FT2 causes camera brightness to go up - Use webgui for OSD - Use webgui for Privacy mask	gr20160909NSX	Xoa 3.02.0017
HikVision	DS-2DE5220I-AE	HIKVISION	2 Stream	- Auto Focus/Manual Focus NOK - No Iris Control	V5.3.8 build 150707	XOa 3.02.0017
Samsung	SNV-L6013R	Samsung	3 stream	- Use webgui for masking - Use webgui for OSD	1.00_160317	Xoa 3.02.0017
Honeywell	H4W2GR1	Honeywell	2 stream	- audio out test with onvif device test tool failed. - OSD feature disabled in XOa, use camera webGUI if needed. - privacy masking disabled in XOa (PTZ, zoom only camera), use camera webGUI if needed. - analytics image : cropped	1.000.HW00.0.T build: 2016-09-21	XOa 3.2.31

Honeywell	H4W4GR1	Honeywell	2 stream	- audio out test with onvif device test tool passed, no noise. - OSD feature disabled in XOa, use camera webGUI if needed. - privacy masking disabled in XOa (PTZ, zoom only camera), use camera webGUI if needed. - analytics image : cropped	1.000.HW00.0.T, build : 2016-09-21	XOa 3.2.31
Honeywell	HBL2GR1	Honeywell	2 stream	- audio out test whith onvif test tool OK - OSD feature disabled in XOa, use camera webGUI if needed. - privacy masking disabled in Xoa (PTZ, zoom only), use camera webGUI if needed - analytics image : squashed	2.420.HW00.14.T, build : 2016-09-21	XOa 3.2.31
Honeywell	H3W2GR1	Honeywell	2 stream	- audio out test with onvif test tool failed - OSD : feature disabled in XOa, if needed, use camera webGUI - Privacy masking in XOa disabled (PTZ, zoom only camera) : if needed, use camera webGUI - analytics image : cropped	1.000.HW00.0.T build: 2016-09-21	XOa 3.2.31, XO4.3.6
Honeywell	H3W2GR2	Honeywell	2 stream	- audio out test with onvif test tool failed - OSD : feature disabled in XOa, if needed, use camera webGUI - Privacy masking in XOa disabled (PTZ, zoom only camera) : if needed, use camera webGUI - analytics image : cropped	1.000.HW00.0.T build: 2016-09-21	XOa 3.2.31, XO4.3.6

Honeywell	H3W4GR1	Honeywell	2 stream	- audio out test with onvif device test tool failed. - OSD feature disabled in XOa, use camera webGUI if needed. - privacy masking disabled in XOa (PTZ, zoom only camera), use camera webGUI if needed. - analytics image : cropped	1.000.HW00.0.T build: 2016-09-21	XOa 3.2.31
Honeywell	HBW2GR1	Honeywell	2 stream	- audio out test with onvif device test tool failed. - OSD feature disabled in XOa, use camera webGUI if needed. - privacy masking disabled in XOa (PTZ, zoom only camera), use camera webGUI if needed. - analytics image : cropped	1.000.HW00.0.T build: 2016-09-21	XOa 3.2.31
Honeywell	HBW4GR1	Honeywell	2 stream	- audio out test with onvif device test tool failed. - OSD feature disabled in XOa, use camera webGUI if needed. - privacy masking disabled in XOa (PTZ, zoom only camera), use camera webGUI if needed. - analytics image : cropped	1.000.HW00.0.T, build : 2016-09-21	XOa 3.2.31
Honeywell	HCL2G	Honeywell	2 stream	- audio out test whith onvif test tool OK - OSD feature disabled in XOa, use camera webGUI if needed. - privacy masking disabled in XOa, use camera webGUI if needed - analytics image : squashed	2.420.HW00.14.T, build : 2016-09-21	XOa 3.2.31

Honeywell	HCW2G	Honeywell	2 stream	- audio out test with onvif test tool failed - OSD : feature disabled in XOa, if needed, use camera webGUI - Privacy masking in XOa disabled (PTZ, zoom only camera) : if needed, use camera webGUI - manual and autofocus features disabled, use camera webGUI if needed - analytics image : cropped	1.000.HW00.0.T, build : 2016-09-21	XOa 3.2.31, XO4.3.6
Honeywell	H4D3PRV2	Honeywell	2 stream	- autofocus NOK (manual focus ok) - OSD : feature disabled in XOa, if needed use camera webGUI - privacy masking : (zoom camera, so if ptz enabled, masking is anyway disabled) : if needed, use camera webGUI. - analytics image : squashed	1.000.HW00.0.R, build : 2016-03-28	XOa 3.2.31, XO4.3.6
Honeywell	H4D3PRV3	Honeywell	2 stream	- OSD : feature disabled in Xoa, use camera webGUI - Privacy masking : feature disabled in Xoa, use camera webGUI - analytics image : squashed	1.000.HW00.0.R, build : 2016-03-28	XOa 3.2.31, XO4.3.6
Honeywell	H4L2GR1	Honeywell	2 stream	- audio out test whith onvif test tool OK - OSD feature disabled in XOa, use camera webGUI if needed. - privacy masking disabled in XOa (PTZ, zoom only camera), use camera webGUI if needed. - analytics image : squashed	2.420.HW00.14.T, build : 2016-09-21	XOa 3.2.31
Honeywell	HBD1PR1	Honeywell	2 stream	- OSD : feature disabled in Xoa, use camera webGUI - Privacy masking : feature disabled in Xoa, use camera webGUI - analytics image : squashed	1.000.HW00.0.R, build : 2016-03-28	XOa 3.2.31

Honeywell	HBD3PR1	Honeywell	2 stream	- OSD : feature disabled in Xoa, use camera webGUI - Privacy masking : feature disabled in Xoa, use camera webGUI - analytics image : squashed	1.000.HW00.0.R, build : 2016-03-28	XOa 3.2.31
Honeywell	HBD3PR2	Honeywell	2 stream	- autofocus NOK (manual focus ok) - OSD : feature disabled in XOa, if needed use camera webGUI - privacy masking : (zoom camera, so if ptz enabled, masking is anyway disabled) : if needed, use camera webGUI. - analytics image : squashed	1.000.HW00.0.R, build : 2016-03-28	XOa 3.2.31
Honeywell	HCW4G	Honeywell	2 stream	- audio out test with onvif test tool passed but nothing was heard on speaker - OSD : feature disabled in XOa, if needed, use camera webGUI - Privacy masking in XOa disabled (PTZ, zoom only camera) : if needed, use camera webGUI - manual and autofocus features disabled, use camera webGUI if needed - analytics image : cropped	1.000.HW00.0.T, build : 2016-09-21	XOa 3.2.31
Honeywell	HDZ302LIW	Honeywell	2 stream	- audio out test with onvif test tool OK - 'contrast' not working, also not working in camera webGUI - autofocus NOK (manual focus ok) - iris NOK - OSD : feature disabled in XOa, if needed use camera webGUI - privacy masking : (ptz camera, masking is disabled) : if needed, use camera webGUI. - wiper not handled by XOa/FT2e - analytics image : squashed	1.000.0014.0.T.3.3019.9A.NR, build : 2016-09-21	XOa 3.2.31

Honeywell	HED1PR3	Honeywell	2 stream	- OSD : feature disabled in Xoa, use camera webGUI - Privacy masking : feature disabled in Xoa, use camera webGUI - analytics image : squashed	1.000.HW00.0.R, build : 2016-03-28	XOa 3.2.31, XO4.3.6
Honeywell	HED3PR3	Honeywell	2 stream	- OSD : feature disabled in Xoa, use camera webGUI - Privacy masking : feature disabled in Xoa, use camera webGUI - analytics image : squashed	1.000.HW00.0.R, build : 2016-03-28	XOa 3.2.31
Honeywell	HDZ302LIK	Honeywell	2 stream	- audio out test with onvif test tool OK - autofocus NOK (manual focus ok) - iris NOK - OSD : feature disabled in XOa, if needed use camera webGUI - privacy masking : (ptz camera, masking is disabled) : if needed, use camera webGUI. - analytics image : squashed	1.000.0014.0.T.3.3019.9A.NR, build : 2016-09-21	XOa 3.2.31, XO4.3.6
Honeywell	H4W2GR2	Honeywell	2 stream	- cam defect, waiting for new one to be tested whith new cam FW and XOa 3.2.31 - camera is same as H4W2GR1 except the lens Results of old test : (old FW and 3.3.5) : - audio out test with onvif device test tool failed. - OSD feature disabled in XOa, use camera webGUI if needed. - privacy masking disabled in XOa (PTZ, zoom only camera), use camera webGUI if needed. - analytics image : cropped	1.000.HW00.0.T build: 2016-09-21	XOa 3.2.31

VivoTek	IB8367A	ONVIF Profile S	3 stream	1) Required to "Disable Dynamic intra frame period" in camera 2) Analytics image quality is low for visualisation 3) use webgui for privacy mask 4) use webgui for OSD	0100b	Xoa 3.2.31
VivoTek	IB8369A	ONVIF Profile S	3 stream	1) Required to "Disable Dynamic intra frame period" in camera 2) Analytics image quality is low for visualisation 3) use webgui for privacy mask 4) use webgui for OSD	0100f	Xoa 3.2.31
Dahua	IPC-EBW81200	ONVIF Profile S	2 stream	1) 2880x2880 and 4000x3000 resolutions are not supported by Xoa client. Current max. 6400x2752. Will be updated to 6400x6400 in upcoming clients 2) Camera webgui password can be different from ONVIF password. use admin/admin for ONVIF. Haven't seen any option to change this. 3) Main stream and sub stream must be set over Webgui, using XOa device the settings are not saved by the camera. Seems camera related. 4) webgui reports 352x288 not 384x288 as indicated by Xoa client. 5) Audio sampling frequency must be set to 8k for correct audio	2.400.0000.8.R, build : 2016-03-10	Xoa 3.2.32
HikVision	DS-2CD2642FWD-IS	Hikvision	2 stream	1) Inputs must be activated over webgui	V5.3.6 build 151105	Xoa 3.2.33
HikVision	DS-2CD2742FWD-IS	Hikvision	2 stream	1) Inputs must be activated over webgui	V5.3.3 build 150630	Xoa 3.2.33

Santec	SNC-211FDIA	Onvif profile s	2 stream	- zoom NOK with XOa, but ok with camera webUI - autofocus NOK with XOa, but ok with camera webGUI - OSD not available on XOa (onvif profile s driver), use camera webGUI if needed.	2.210.BW00.8.R, build : 2016-04-11	Xoa 3.2.33
IndigoVision	BX520-HD	Onvif profile s	2 stream	- looks like an identical twin to the Honeywell HDZ302LIK (obviously this is not an issue, just a remark), slightly different firmware. - contrast setting NOK (works fine on camera webGUI) - no autofocus after manual focus, just reposition camera to re-focus (also on camera webGUI) - no "home" position can be programmed as a preset - audio out with onvif device test tool failed - inputs OK, but output not : behaves as a toggle switch with XOa, works just fine as on/off switch with camera webGUI - OSD display : disabled in XOa, use camera webGUI if needed - privacy masking disabled in XOa (PTZ camera), use camera webGUI if needed	2.0.2.6	Xoa 3.2.33

Honeywell	HBW2GR3	Honeywell	2 stream	- audio out test with onvif device test tool didn't give errors, but no sound was heard through teh speaker (jus a bit of noise) - OSD : feature disabled in XO, use camera webGUI if needed. - camera is zoom capable, so ptz is enabled thus disabling the privacy masking feature of XO. Use camera webGUI if needed. - Analytics cropped vs 1920x1080, almost identical vs 128x1024 (which is squashed vs 1920x1080)	1.000.HW00.0.R, build : 2016-11-14	XOa 4.00.000
HikVision	DS-2CD4B26FWD-IZS	Hikvision	2 stream	1) Inputs must be activated over webgui	V5.4.1 build 160503	Xoa 3.02.0034
Axis	M3044-V	Axis	3 stream	-	6.15.6	Xoa 3.02.0034
Axis	M3044-WV	Axis	3 stream	-	6.15.6	Xoa 3.02.0034
Honeywell	H4D8GR1	Honeywell	2 stream	1) camera can stream 12Mpix. Please limit to max. 16 cameras on one unit.	2.420.HW00.14 build: 2017-02-13	XO 4.0.6
Honeywell	HBD8GR1	Honeywell	2 stream	1) 'no test sheet camera installed on VSK building 2) camera can stream 12Mpix. Please limit to max. 16 cameras on one unit.		XO 4.0.6
Honeywell	HFD6GR1	Honeywell	2 stream	1) Limited to ceiling mount and fisheye view only.	1.000.HW00.0 build: 2017-02-13	XO 4.0.6
Bosch	Autodome IP 5000 HD	Bosch Onvif	2 stream	- max fps = 15. Camera can go up to 30fps but GOV is max 60, so XO limits it to 60/4=15 fps. - brightness, contrast and saturation NOK - inputs : 2 are seen by XO, which is good, but no state change detected, so NOK. - OSD disabled in XO, but available on camera webGUI.	6.32.0109	XO 4.0.7

Honeywell	HDZ302D	Honeywell	2 streams	1) Camera tested with Beta firmware, expected new firmware that resolves security issue 2) Cif is squashed and VGA is cropped compared to HD 1920x1080.	1.000.0026.0, Build Date: 2017-03-22	XO 4.0.7
Eneo	IED-63M2812P0A	ONVIF Profile S IED-63M2812P0A (*)	2 stream	- GOV max is fps x 2, so FT2e limits max fps to 12. Eneo will make GOV larger (255 like the other models?) in the future. - autofocus NOK, button disabled. Change zoom just a little bit, camera will do autofocus, or use camera webGUI (manual focus OK) - inputs : 1 input seen by FT2e (OK), but no state change detected. - OSD disabled like all onvif profile s camera's, use camera webGUI. - audio out : works with tcp mode in ipcam.def file	1.4.15-XE_release	4.0.7 (and quick test on 3.2.34)
Eneo	NXP-880F26	ONVIF Profile S NXP-880F26 (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IEB-63F0037M0A	Onvif profile s IEB-63F0037M0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IEB-63M2812M0A	Onvif profile s IEB-63M2812M0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		

Eneo	IED-63F0037P0A	Onvif profile s IED-63F0037P0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IED-63F0037P0A	Onvif profile s IED-63F0037P0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IED-63M2812M0A	Onvif profile s IED-63M2812M0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IED-63MF2812P0A	Onvif profile s IED-63MF2812P0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IED62-0036P0A	ONVIF Profile S IED62-0036P0A	2 stream	- only "onvif profile s" driver related issues : "OSD" en "Privacy masking" diabled, use camera webGUI if needed.	R1.03	4.0.7 (and quick test on 3.2.34)
Eneo	IEB-62F0036M0A	Onvif profile s		- no audio		
Eneo	IEB-62V2812M0A	Onvif profile s		- no audio		
Eneo	IED-62F0036M0A	Onvif profile s		- no audio		
Eneo	IED-62F0036P0A	Onvif profile s		- no audio		
Eneo	IED-62V2812M0A	Onvif profile s		- no audio		
Eneo	IED-62V2812P0A	Onvif profile s		- no audio		
Eneo	IPB-62M2812M0A	Onvif profile s		- no audio		
Eneo	IPB-72A0003M0A	ONVIF Profile S IPB-72A0003M0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		

Eneo	IPB-72A0010M0A	ONVIF Profile S IPB-72A0010M0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IPB-73M2812M0A	ONVIF Profile S IPB-73M2812M0A (*)	2 stream	- manual focus NOK - autofocus NOK - audio out ok with tcp version in ipcam.def file - inputs : No inputs seen by FT2e (1 available) (output ok) - OSD disabled in XO client, use camera webGUI if needed. - zoom camera, ptz enabled so Privacy masking is disabled, use camera webGUI if needed.	R1.02	4.0.7 (and quick test on 3.2.34)
Eneo	IPB-75M3610M0A	ONVIF Profile S IPB-75M3610M0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IPC-52A0003M0A	Onvif profile s IPC-52A0003M0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IPC-53M2812M0A	Onvif profile s IPC-53M2812M0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IPC-55C0000M0A	Onvif profile s IPC-55C0000M0A (*)		- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IPD-62M2812P0A	Onvif profile s		- no audio		

Eneo	IPD-72A0003M0A	Onvif profile s IPD-72A0003M0A (*)			- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IPD-73M2812M0A	Onvif profile s IPD-73M2812M0A (*)			- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Eneo	IPD-75M3610M0A	Onvif profile s IPD-75M3610M0A (*)			- camera has audio in/out, so a ipcam.def entry is needed for audio out (tcp mode since it is IED-63M2812P0A compliant)		
Sony	SNC-EB632R	SNC-EB632R		2			
Eneo	NXD-2012PTZ1080B	Onvif Profile S		2	1) No manual focus 2) inputs not working on XO 3) Fps limited to 12 (camera i frame restriction)	1.4.2-X2_release	4.0.7
Honeywell	HVE4X	generic driver		8	1) generic driver only, check test sheet for rtsp urls and required webgui settings	V1.1.0 Build 151214	4.0.7
Axis	P1425-LE Mk II	Axis		3			4.0.7
Eneo	IPP-62A0012M0A	Onvif Profile S		2			4.0.7
Eneo	IPP-72A0030M0A	Onvif Profile S		2			4.0.7
Eneo	IPP-82A0030MHA	Onvif Profile S		2			4.0.7
Eneo	IPP-82A0030MIA	Onvif Profile S		2			4.0.7
Honeywell	HCD8G	Honeywell	2 stream		1) camera can stream 12Mpix. Please limit to max. 16 cameras on one unit.	2.420.HW00.14 build: 2017-02-13	XO 4.0.6
Honeywell	HDZ302DE	Honeywell	2 streams		1) Camera tested with Beta firmware, expected new firmware that resolves security issue 2) Cif is squashed and VGA is cropped compared to HD 1920x1080.	1.000.0026.0, Build Date: 2017-03-22	XO 4.0.7

Honeywell	HDZ302DIN	Honeywell	2 streams	1) Camera tested with Beta firmware, expected new firmware that resolves security issue 2) Cif is squashed and VGA is cropped compared to HD 1920x1080.	1.000.0026.0, Build Date: 2017-03-22	XO 4.0.7
Honeywell	HFD8GR1	Honeywell	2 stream	1) Limited to ceiling mount and fisheye view only.	1.000.HW00.0 build: 2017-02-13	XO 4.0.6, XO 4.3.6
Concept Pro	AIR2024-IP4M-Z	Onvif Profile S	2 streams	1) Audio backchannel not working over ONVIF 2) the higher resolutions don't support fps > 15 due to GOV constraints	v3.0.0804.1002.66.4.58.2.4	XO 4.0.8
Concept Pro	CVP9314DNIR-IP4M-Z	Onvif Profile S	2 streams	1) Audio backchannel not working over ONVIF 2) the higher resolutions don't support fps > 15 due to GOV constraints	v3.3.0804.1003.66.4.73.8.4	XO 4.0.8
Concept Pro	CVP9328DNIR-IP	Onvif Profile S	2 streams	1) the higher resolutions don't support fps > 15 due to GOV constraints	v3.3.0804.1002.66.5.73.0.4	XO 4.0.8
Concept Pro	AIR4528-IP4M	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	AIR2024-IP4M/12	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	AIR2024-IP4M/2.8	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	AIR2024-IP4M/6	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	AIR3526-IP4M	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	AIR3526-IP4M-Z	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	AIR4528-IP4M-Z	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	AIR8012-IP3M-Z	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	CBP6324DN-IP4M	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	CBP6324DNIR-IP4M	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	CBP6324DNIR-IP4M	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	CVP9314DNIR-IP4M	Onvif Profile S	2 streams			XO 4.0.8

Concept Pro	CVP9324DN-IP4M	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	CVP9324DNIR-IP4M	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	CVP9324DNIR-IP4M-G	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	CVP9324DNIR-IP4M-Z	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	CVP9328DNIR-IP4M	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	CVP9328DNIR-IP4M-G2	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	CVP9328DNIR-IPG	Onvif Profile S	2 streams			XO 4.0.8
Concept Pro	VIPC-MD4MPB	Onvif Profile S	2 streams			XO 4.0.8
HikVision	DS-2DE5220IW-AE	Hikvision	2 stream	1) Inputs must be activated over webgui 2) manual focus NOK 3) autofocus NOK 4) preset 0 not supported	V5.4.8 build 170210	XO 4.0.8
Honeywell	HDZP252DI	ONVIF Profile S	2 Stream	1) no audio backchannel	2.422.0001.9 build: 2017-03-10	XO 4.0.8
Axis	P1405-LE MkII	Axis P1405-LE MkII (*)	3 stream	1) entry in ipcam.def file needed for 3 streams 2) focus (auto and manual) nor possible in XO, use camera webGUI if needed 3) privacy masking not possible in XO, use camera webGUI if needed 4) OSD only visible in ER en CR streams, not on analytics stream.	7.20.1	XO 4.0.8

RedVision	RVX-IP30-IRWL-W	ONVIF Profile S	2 stream	1) No focus 2) no iris 3) no brightness/saturation and color 4) Assign shortcuts to wash/wiper/lights as preset (198,199,200)	Release 1.3.2280	XO 4.02.0010
Dahua	DH-SD59225U-HNI	ONVIF Profile S	2 stream	No test sheet, evaluated by Jose-Luis Blanco Gonzalez	2.422.0000.8.R.E4.2512.3S.NR, Build Date: 2017-03-15	XO 4.01.0002
Vista	VK2-1080XNPR10Z	ONVIF Profile S VK2-1080XNPR10Z (*)	2 stream	- IR camera, only B/W - fps limited to 12 by XO because max GOP size is fps x 2. - autofocus doesn't work with XO (manual focus OK) - audio out : test with tool didnt give error but no sound was coming out of speaker - audio out : OK with XO, tcp version of audio in ipcam.def needed! - i/o : 1 input seen, but no state change detected - OSD disabled in XO (onvif driver), use camera webGUI if needed - privacy masking : disabled in XO (zoom camera, PTZ enabled) : use camera webGUI if needed.	1.6.9-X2_release	XO 4.0.8
Vista	VK2-1080XVRD3V9e			No test sheet, compatible with VK2-1080XNPR10Z according to Garry Carr.		XO 4.0.8
Vista	VK2-1080XVFD3V9e			No test sheet, compatible with VK2-1080XNPR10Z according to Garry Carr.		XO 4.0.8

Vista	VK2-1080XVRDIR3V9F			No test sheet, compatible with VK2-1080XNPR10Z according to Garry Carr.		XO 4.0.8
Vista	VK2-1080XBIR28V11F			No test sheet, compatible with VK2-1080XNPR10Z according to Garry Carr.		XO 4.0.8
Vista	VK2-1080XVFD3V9F			No test sheet, compatible with VK2-1080XNPR10Z according to Garry Carr.		XO 4.0.8
Vista	VK2-3MPVRDIR28V12re	ONVIF Profile S VK2-3MPVRDIR28V12re (*)	2 stream	- fps limited to 12 by XO because max GOP size is fps x 2. - autofocus button disabled in XO, use 'smartfocus' in camera webGUI if needed - audio out : OK with XO, tcp version of audio in ipcam.def needed! - i/o : 1 input seen, but no state change detected - OSD disabled in XO (onvif driver), use camera webGUI if needed - privacy masking : disabled in XO (zoom camera, PTZ enabled) : use camera webGUI if needed.	1.1.61-XE_release	XO 4.0.8
Vista	VK2-3MPVRDIR37e			No test sheet, compatible with VK2-3MPVRDIR28V12re according to Garry Carr.		XO 4.0.8
Vista	VK2-3MPVFDIR37e			No test sheet, compatible with VK2-3MPVRDIR28V12re according to Garry Carr.		XO 4.0.8

Vista	VK2-3MPBIR28V12re			No test sheet, compatible with VK2-3MPVRDIR28V12re according to Garry Carr.		XO 4.0.8
Vista	VK2-3MPEFEDre			No test sheet, compatible with VK2-3MPVRDIR28V12re according to Garry Carr.		XO 4.0.8
Vista	VK2-HD20-SM	ONVIF Profile S VK2-HD20-SM (*)	2 stream	- fps limited to 12 by XO because max GOP size is fps x 2. - 'contrast' setting not working - autofocus not working, use cammra webGUI or move camera a little bit to autofocus again. - audio out OK : tcp version of audio in ipcam.def needed! - i/o : 4 inputs seen (OK) but only first 'close contact' seen, then no more state changes detected. - OSD disabled in XO (onvif driver), use camera webGUI if needed - privacy masking : disabled in XO (PTZ enabled) : use camera webGUI if needed.	1.9.2-X2_release	XO 4.0.8
Vista	VK2-HD20-PM			No test sheet, compatible with VK2-HD20-SM according to Garry Carr.		XO 4.0.8
Vista	VK2-HD30-PM			No test sheet, compatible with VK2-HD20-SM according to Garry Carr.		XO 4.0.8
Vista	VK2-HD30IR-PM			No test sheet, compatible with VK2-HD20-SM according to Garry Carr.		XO 4.0.8

Vista	VK2-HD30IR-PM			No test sheet, compatible with VK2-HD20-SM according to Garry Carr.		XO 4.0.8
Vista	VK2-HD30LRIR-PM			No test sheet, compatible with VK2-HD20-SM according to Garry Carr.		XO 4.0.8
Honeywell	H2W2PRV3	Honeywell	2		1.000.HW01.0.R build: 2016-11-14	XO 4.0.7
Honeywell	HEW4PR(W)3	Honeywell	2	1) Camera doesn't allow the correct Bitrate setting for analytics stream resulting in a bad quality image for analytics. Honeywell will investigate. Use generic driver as a workaround	1.000.HW01.0.R build: 2016-11-14	XO 4.0.7

Vivotek	IP8371	Onvif profile s		2	Camera validated for Maite Cottens. His client needs this camera, only for two streams, nothing more. Camera has also audio in/out and i/o, but with dedicated ipcam.def file for audio out, camera wouldn't work anymore, constant 'video' - 'no video' messages. Since audio out was not required by client and this is an obsolete model, no investigation was done. issues : - at 25fps and high bitrates, fps can drop to 15 or lower fps. - zoom function doesn't work, use caemra webGUI - manual and autofocus : use camera webGUI - audio out not workable, with dedicated ipcam.def file camera gives constant 'video' - 'no video' alarms. - 1 input, not seen by FT2e/XO (1 output ok) - OSD : use camera webGUI if needed. - privacy mask : use camera webGUI if needed	0300b	XO 4.0.7
Axis	P8221	Axis Vapix 3.0	-		ipcam.def entry needed : no video option + audio out 8 i/0 ports available, can be configured as input or output. FT2e/XO shows only 4 outputs.	5.10.2	XO 4.0.7

Axis	A8105-E	Axis Vapix 3.0		2	Privacy Masking : mask is placed wrong, ipcam.def entry needed, audio out. corridor mode supported through dedicated resolutions : 480x640 600x800 720x1280 960x1280 Important : when switching to corridor resolution the analytics resolution will also be in corridormode, 270x480, so check analytics settings again! Remark : best is to disable-enable camera after changing from corridor to landscape resolution or vice versa	1.58.2.2	XO 4.0.7
Axis	V5915	Axis Vapix 3.0		3		5.75.7.1	XO 4.0.7
HikVision	DS-2DE4A220IW-DE	hikvision		2	1) No manual/Auto Focus 2) When using Fw 5.5.0 build 170724, the Hivision CGI must be enabled and set to Digest/Basic. (Network > Advanced Settings > Integration Protocol -> Enable Hikvision CGI + set Auth to 'digest/basic'	5.4.8 build 170210 / 5.5.0 build 170724	XO 4.0.7

Panasonic	WV-SPW531L	Panasonic		3	Remark : Panasonic and Onvif profile s driver from XO and onvif device test tools shows : "WV-SPW531L" but camera webGUI shows "WV-SPW531AL" ipcam.def entry needed for 3 streams. (model "WV-SPW531L") Issues : - Brightness/contrast/saturation NOK - Audio out not possible with Panasonic driver, Onvif device test tool shows : "No suitable Audio Decoder available" - Audio in OK. - I/O : 3 programmable ports, XO shows always 3 inputs, even if defined AUX out. No state change detected.	2.56		XO 4.0.7
Panasonic	WV-SPW631LT	Panasonic		3	ipcam.def entry needed for 3 streams. (model "WV-SPW631LT") Issues : - Brightness/contrast/saturation NOK - Audio out not possible with Panasonic driver, Onvif device test tool shows : "No suitable Audio Decoder available" - Audio in OK. - I/O : 3 programmable ports, XO shows always 3 inputs, even if defined AUX out. No state change detected.			
Axis	P3225-LVE Mk II	Axis		3	No Test sheet, camera approved via installer			XO 4.0.7

Dahua	DH-SD49225T-HN	Onvif Profile S		2	1) Analytics stream is displayed at 512x288 but quads are 352x288 as expected.	2.600.0000.2.R, Build Date 2017-09-05	XO 4.0.7
Honeywell	HBL6GR2	Honeywell		2	1) WEBGUI: Before enabling requires main and sub stream to be manually set to h264 (default is h265) 2) WEBGUI: Audio sample rate must be set to 8k. (defailt is 16k) 3) Webgui has option for corridor but it doesn't work.	1.000.HW00.1 build: 2017-08-06	4.02.0008, 4.3.6
Honeywell	H4L6GR2	Honeywell		2	1) WEBGUI: Before enabling requires main and sub stream to be manually set to h264 (default is h265) 2) WEBGUI: Audio sample rate must be set to 8k. (defailt is 16k) 3) Webgui has option for corridor but it doesn't work.	1.000.HW00.1 build: 2017-08-06	4.02.0008
Milesight	MS-C2951-PB	Milesight		2	1) Inputs not working due to ONVIF profile S issue in camera 2) Audio must be enabled via webGUI. [Configuration] > basic Settings > Audio	40.7.0.63-r6	4.02.0008
BCS	BCS-P-212RWSA-G	Onvif Profile S		2	1) Audio out available but not working over ONVIF 2) camera has 2 audio in channels (L+R) we only support one	IPC_G6101-B5010P30D1607C30	4.02.0008
BCS	BCS-P-214RWSA-G	Onvif Profile S		2	1) Audio out available but not working over ONVIF	IPC_G6102-B5016P10D1705C06	4.02.0008
BCS	BCS-P-262R3WSA	Onvif Profile S		2	1) Audio out available but not working over ONVIF	IPC_Q1201-B5020P11D1705C06	4.02.0009
BCS	BCS-P-262R3WSM	Onvif Profile S		2		IPC_G6103-B0006P10D1705C06	4.02.0009
BCS	BCS-P-264R3WSA	Onvif Profile S		2	1) Audio out available but not working over ONVIF	IPC_Q1201-B5020P11D1705C06	4.02.0009
BCS	BCS-P-264R3WSM	Onvif Profile S		2		IPC_G6102-B5016P10D1705C06	4.02.0008

BCS	BCS-P-414RW	Onvif Profile S		2		IPC_G6102-B5016P10D1705C06	4.02.0009
BCS	BCS-P-444RSA	Onvif Profile S		2	1) Audio out available but not working over ONVIF	IPC_Q1201-B5020P11D1705C06	4.02.0009
BCS	BCS-P-462RWSA-G	Onvif Profile S		2	1) Audio out available but not working over ONVIF	IPC_Q1201-B5020P11D1705C06	4.02.0009
BCS	BCS-P-464RWSA-G	Onvif Profile S		2	1) Audio out available but not working over ONVIF	IPC_Q1201-B5020P11D1705C06	4.02.0009
BCS	BCS-P-4121R	Onvif Profile S		2		IPC_G6101-B5010P30D1607C30	4.02.0009
BCS	BCS-P-4421RSA	Onvif Profile S		2	1) Audio out available but not working over ONVIF	IPC_E5101-B5012P07D1603C10	4.02.0009
Honeywell	HBW4PER2	Honeywell Onvif		2		1.000.HW01.1 build: 2018-03-06	4.02.0009
BCS	BCS-TIP5201IR-V-IV	Onvif Profile S		2		2.460.0000.14.R, Build Date 2017-07-20	4.02.0010
BCS	BCS-DMIP3201IR-V-IV	Onvif Profile S		2	1) No sheet as camera reported Dahua name, but is intrinsically working with XO as it shares the same Fw as BCS-TIP5201IR-V-IV	2.460.0000.14.R, Build Date 2017-07-20	4.02.0010
BCS	BCS-DMIP3201AIR-IV	Onvif Profile S		2	1) audio sampling frequency must be set to 8000 over webgui	2.460.0000.14.R, Build Date 2017-07-20	4.02.0010
BCS	BCS-DMIP2201AIR-IV	Onvif Profile S		2	1) No sheet as camera reported Dahua name, but is intrinsically working with XO as it shares the same Fw as BCS-DMIP3201AIR-IV	2.460.0000.14.R, Build Date 2017-07-20	4.02.0010
BCS	BCS-TIP8601AIR-IV	Onvif Profile S		2	1) No sheet as camera reported Dahua name, but is intrinsically working with XO as it shares the same Fw as BCS-DMIP3201AIR-IV	2.460.0000.14.R, Build Date 2017-07-20	4.02.0010
BCS	BCS-DMIP5601AIR-IV	Onvif Profile S		2	1) No sheet as camera reported Dahua name, but is intrinsically working with XO as it shares the same Fw as BCS-DMIP3201AIR-IV	2.460.0000.14.R, Build Date 2017-07-20	4.02.0010
BCS	BCS-DMIP5801AIR-IV	Onvif Profile S		2	1) No sheet as camera reported Dahua name, but is intrinsically working with XO as it shares the same Fw as BCS-DMIP3201AIR-IV	2.460.0000.14.R, Build Date 2017-07-20	4.02.0010

BCS	BCS-TIP8201AIR-IV	Onvif Profile S		2	1) audio sampling frequency must be set to 8000 over webgui	2.460.0000.14.R, Build Date 2017-07-20	4.02.0010
BCS	BCS-TIP8801AIR-IV	Onvif Profile S		2	1) audio sampling frequency must be set to 8000 over webgui	2.460.0000.14.R, Build Date 2017-07-20	4.02.0010
RedVision	RVX-IP30	ONVIF Profile S	2 stream		Compatible by Firmware. Stated by manufacturer	Release 1.3.2280	XO 4.02.0010
RedVision	RVX-IP30-W	ONVIF Profile S	2 stream		Compatible by Firmware. Stated by manufacturer	Release 1.3.2280	XO 4.02.0010
RedVision	RVX-IP30-IR-W	ONVIF Profile S	2 stream		Compatible by Firmware. Stated by manufacturer	Release 1.3.2280	XO 4.02.0010
RedVision	RV-VOLANT-IP30-IRWL-W	ONVIF Profile S	2 stream		Compatible by Firmware. Stated by manufacturer	Release 1.3.2280	XO 4.02.0010
Axis	C2005	Axis	audio only		Compatible tested by envera systems US		XO 4.02.0010
Axis	M3047-P	Axis	3 stream			7.15.2.3	XO 4.02.0010
Axis	P1367	Axis	3 stream		OSD observation commented in test sheet	8.30.1	XO 4.02.12.0
HikVision	DS-2CD2023G0-I	Hikvision	2 stream		Enable CGI required in order to enable the camera	V5.5.3 build 171025	XO 4.02.12.0
Avigilon	3.0W-H3-BO1-IR	avigilon	2 stream		Customer complaint no video after upgrade 4.02.0010. Once ipcamdef with hwdecoding for pentium CPU was uploaded camera was OK. Enverasystems US.		XO 4.02.0010
Flir	FC-644-O	ONVIF Profile S	2 stream		Input not functional	TX V2.03.P06	XO 4.02.0013
Honeywell	H2W2PC1M	ONVIF Profile S/T	2 stream		Onvif reports Audio Outputs are not supported by the device Step6	system version:1.000.HW01.1, Build Date: 2018-09-26 onvif version: 16.12 web version: 3.2.1.637172 serial number: B214100028	XO 4.3.0, XO 4.3.6

Honeywell	HBW4PGR1	ONVIF Profile S/T	2 stream	Onvif reports Error creating media session Step7	Firmware version: V5.5.52 build 180921 Serial no: HBW4PGR120180804AAWRC40025195 Encoding version: V7.3 build 180831 web version: V4.0.52 build 180905 plugin version: V3.0.6.43 Firmware version property: C-R-G1-0	XO 4.3.0, XO 4.3.6
Honeywell	HBW8PR2	ONVIF Profile S/T	2 stream	Onvif reports Audio Outputs are not supported by the device Step6	System Version 1.000.HW01.1, Build Date: 2018-09-26 Web Version 3.2.1.637114 ONVIF Version 16.12 Serial Number B209100067	XO 4.3.0, XO 4.3.6
Honeywell	HPW2P1	ONVIF Profile S/T	2 stream	1)Audio supported, but external device required to proceed. 2)video loss happened occasionally in adpro then I opened camera web page and Apdro live video page. Monitored the video stability between these two pages and there are no loss in camera page & occassionally video loss happened in adpro system.	system version: 1.000.HW01.1, Build Date: 2018-09-26 Serial no: B211100110 web version: 3.2.1.637111 Onvif version: 16.12	XO 4.3.0, XO 4.3.6
Honeywell	HEW4PER2	ONVIF Profile S/T	2 stream	Account validation issue observed in 1.000.HW01.1, Build Date: 2018-09-26 Account validtaion issue verified in 1.000.HW01.1, Build Date: 2018-10-22	system version: 1.000.HW01.1, Build Date: 2018-10-22 Serial no: B209100032 web version: 3.2.1.646604 Onvif version: 16.12	XO 4.3.0, XO 4.3.6

Dauha/Honey well	N45CB5Z	Honeywell driver	2 stream	This specific camera approved by customer (northwood) and requested to add this in approved list by Garry&Dieter, Amplified speaker used	Device type: IPC-HFW5631E-EZ Serial no: 4D02EF4PAGDF314 web version: 3.2.1.515090 Onvif version: 16.12(v2.4.1.510971)	XO 4.2.10
Dauha/Honey well	N45BB5Z	Honeywell driver	2 stream	This specific camera approved by customer (northwood) and requested to add this in approved list by Garry&Dieter Amplified speaker used	Device type: IPC-HFW5631E-EZ Serial no: 4D02EF4PAGDF314 web version: 3.2.1.515090 Onvif version: 16.12(v2.4.1.510971)	XO 4.2.10
Dauha/Honey well	N44CG52	Honeywell driver	2 stream	This specific camera approved by customer (northwood) and requested to add this in approved list by Garry&Dieter Amplified speaker used	Device type: IPC-HFW5631E-EZ Serial no: 4D02EF4PAGDF314 web version: 3.2.1.515090 Onvif version: 16.12(v2.4.1.510971)	XO 4.2.12
3.0C-H4SL-BO1-IR	Avigilon	avigilon onvif	2 stream	1) B/C/S cannot be adjusted through ADPRO XO 2) OSD values cannot be reflected with lower resolution in Live video page 3) Event quality analytic streaming values are NOK with some lowrer resolution (refer redmine ID-Testing #2700)		
Honeywell	H4W2GR1V	Onvif T & Honeywell	2 stream	Camera stream check: I have adjusted camera resolution for 1280*960, 30 fps andd it was requesting 1706*960, 30 fps	Firmware version: 1.000.0000.9, build date: 2018-05-25	XO 4.3.1, 4.3.6
Honeywell	H4W4GR1V	Onvif T & Honeywell	2 stream	NA	old FW: 1.000.0000.9, build date: 2018-05-25 new FW: 1.000.0000.13, build date: 2018-11-28	XO 4.3.1, XO 4.3.3, XO 4.3.6

Honeywell	H3W2GR1V	Onvif T & Honeywell	2 stream	Video loss has been observed in th XO live video page and no video loss in web GUI & the same has been not observed in the new camera saturn FW.	old FW: 1.000.0000.9, build date: 2018-05-25, new FW: 1.000.0000.13, build date: 2018-11-28	XO 4.3.1, XO 4.3.3, XO 4.3.6
Honeywell	HBL2GR1V	Onvif T & Honeywell	2 stream	less than a minute time takes for reflecting video stream when networks reconnects happened (not a issue)	old FW: 1.000.0000.10, build date: 2018-05-29, new FW: 1.000.0000.15, build date: 2018-11-28	XO 4.3.1, XO 4.3.3, XO 4.3.6
Honeywell	HBL6GR2	Onvif T & Honeywell	2 stream	NA	Firmware version: 1.000. HW02.6, build date: 2018-03-28	XO 4.3.1
Honeywell	HBW2GR1V	Onvif T & Honeywell	2 stream	NA	old FW: 1.000.0000.9, build date: 2018-05-25, new FW: 1.000.0000.13, build date: 2018-11-28	XO 4.3.1, XO 4.3.3, XO 4.3.6
Honeywell	HBW2GR3V	Onvif T & Honeywell	2 stream	NA	old FW: 1.000.0000.9, build date: 2018-05-25, new FW: 1.000.0000.13, build date: 2018-11-28	XO 4.3.1, XO 4.3.3, XO 4.3.6
Honeywell	HCL2GV	Onvif T & Honeywell	2 stream	NA	Firmware version: 1.000.0000.15, build date: 2018-11-28	XO 4.3.3, XO 4.3.6

| Axis | M3058-plve | Generic driver 1.0 & Axis Vapix 3.0 river | Tested with 3 stream (although cameras has capable to deliver up to 8 streams) | This specific camera request came from Germany customer to use 4X images in XO. However XO has capable for dewarped views but cannot do analytic with single stream.
Recommended to use generic driver for different views (quad view) and create different channels (4 generic drivers) for viewing different views from View area1 to view area 4 and do analytics. Same generic driver used for 4x images (quad view)
all these above compatible with XO device
Pl look on redmine ID (Testing #2712) for more details where uploaded relevant tested sheets. | 8.30.1.1 | | XO 4.3.6 |

| Vista | VK2-4MPXVRDIR28V12M | Onvif Profile -S | Tested with 3 sream (although camera has capable to deliver up to 4 streams) | 1. Onvif Profile S/T driver which newly implemented on XO 4.3 is not compatible with this Vista camera (due to this H.265 format not tested), Onvif Profile S (existing driver) only used for connecting the camera with XO for approving.
2. Time takes around 5-10 sec when switching the stream resolutions in live video page.
3. Camera goes to unrespond stage from camera web page itself and performance issue comes when changing the opions in web page randomly. Camera About page is blank. Especially the camera could not behaves properly when proceeding Video & Image option.
4. OSD values are not in clear text in XO with low resolution 640x480, It was clear in other two high resolutions
5. Privacy mask (Add mask/ delete mask) options are not funtioning properly in camera web page.
But Privacy mask works in XO once enabled in camera. | 1.2.8-H_64_Release | XO 4.3.6 |

| Vista | VK2-2MPXVFDIR28V12M | Onvif Profile -S | Tested with 3 sream (although camera has capable to deliver up to 4 streams) | 1. Onvif Profile S/T driver which newly implemented on XO 4.3 is not compatible with this Vista camera (due to this H.265 format not tested), Onvif Profile S (existing driver) only used for connecting the camera with XO for approving.
2. Camera goes to unrespond stage from camera web page itself and performance issue comes when changing the opions in web page randomly. Camera About page is blank. Especially the camera could not behaves properly when proceeding Video & Image option.
3. OSD values are not in clear text in XO with low resolution 640x480, It was clear in other two high resolutions
4. Privacy mask (Add mask/ delete mask) options are not funtioning properly in camera web page.
But Privacy mask works in XO once enabled in camera. | 1.2.7-H_52_Release | XO 4.3.6 |

Uniview	IPC2222EBR5-HDUPF40	Onvif	2 streams	Limitation: Supported res: Only one value can be enabled in the camera at one time. Only one value is avaliable for selection in XO at a time, to change the value this must first be selected in the camera. Camera will support fps upto 60 on some res, XO will only support max of 30 fps. Privacy mask and OSD from camera web GUI	IPC_G6102-B5020P30D1806	XO 4.3.6 XO 4.5.0
Uniview	IPC2328SBR5-DPZ	Onvif	2 streams	Limitation: Supported res: Only one value can be enabled in the camera at one time. Only one value is avaliable for selection in XO at a time, to change the value this must first be selected in the camera. Camera will support fps upto 60 on some res, XO will only support max of 30 fps. Privacy mask and OSD from camera web GUI -> Digital Zoom supported ->I/O is NOK-camera has on-board IR but this is auto	IPC_Q1203-B0006P20D1806	XO 4.3.6 XO 4.5.0

Uniview	IPC3615ERE3-ADUPF28M	Onvif	2 streams	Limitation: Supported res: Only one value can be enabled in the camera at one time. Only one value is avaliable for selection in XO at a time, to change the value this must first be selected in the camera. Camera will support fps upto 60 on some res, XO will only support max of 30 fps. Privacy mask and OSD from camera web GUI -> Digital Zoom supported -> Audio works from camera web GUI and not from XO	IPC_G6102-B502P30D1806	XO 4.3.6 XO 4.5.0
Honeywell	H4D8PR1	Honeywell	3 streams	Could not possible to test few test cases like Audio check, Monitor video out, Network/ camera reboot case. Remaining all works. But video loss occassionally happended when switching into High res (max 8mp) due to network bandwidth and remotelly tested Hemel box	1.000.HW01.0.R. build date 2017-03-07	XO 4.3.6
Uniview	IPC2122LR3-PF-40M-D	Onvif	2 streams		IPC_D1202-B0005P20D1809	XO 4.5.0
Honeywell	H4L2GR1V	ONVIF , Honeywell	2 streams		1.000.0000.18, Build Date: 2019-04-23	XO 4.5.0

Honeywell	HC30W42R3	Honeywell, ONVIF	2 streams	OSD details like camera title name, date and time not appears as expected. OSD value appears too small when streaming high resolution OSD value appears too big when streaming low resolution This is camera side issue. but currently due to the priority and related limitation, discussing with QA/Marketing, this issue will be deferred	1st loop tested-Firmware version: 1.0.9.20190422 2nd loop tested-Firmware version: 1.0.18.20190523	XO 4.5.0, 4.5.1, 4.5.2
Honeywell	HC30W45R3	Honeywell, ONVIF	2 streams	1)Performed loop1 test and could not perform 2nd loop test due to camera discover problem. Reported to Shanghai miracle team 2)OSD details like camera title name, date and time not appears as expected. OSD value appears too small when streaming high resolution OSD value appears too big when streaming low resolution This is camera side issue. but currently due to the priority and related limitation, discussing with QA/Marketing, this issue will be deferred	Firmware version: 1.0.9.20190422	XO 4.5.0, 4.5.1, 4.5.2

| Honeywell | HC30WB2R1 | Honeywell, ONVIF | 2 streams | OSD details like camera title name, date and time not appears as expected. OSD value appears too small when streaming high resolution OSD value appears too big when streaming low resolution This is camera side issue. but currently due to the priority and related limitation, discussing with QA/Marketing, this issue will be deferred | 1st loop tested-Firmware version: 1.0.9.20190422 2nd loop tested-Firmware version: 1.0.18.20190523 | XO 4.5.0, 4.5.1, 4.5.2 |
| Honeywell | HC30WB5R1 | Honeywell, ONVIF | 2 streams | 1) Video streams fails in ONVIF profile S/T with h265 format (particularly this camera and shanghai not reproduced issue) 2) OSD details like camera title name, date and time not appears as expected. OSD value appears too small when streaming high resolution OSD value appears too big when streaming low resolution This is camera side issue. but currently due to the priority and related limitation, discussing with QA/Marketing, this issue will be deferred | 1st loop tested-Firmware version: 1.0.9.20190422 2nd loop tested-Firmware version: 1.0.18.20190523 | XO 4.5.0, 4.5.1, 4.5.2 |

| Honeywell | HC30WB5R2 | Honeywell, ONVIF | 2 streams | 1) Zoom issue
ONVIF S:
Zoom options available in XO live video but command could not responded, there was no response while doing Zoom operations-failed
ONVIF S/T:
Zoom operations functioning but response is poor. Performance slowness issue observed whiledoing Zoom functions

2) Focus issue:
ONVIF S:
Reset to Auto focus failed in ONVIF S
ONVIF S/T:
Focus operation functioning but takes long time to update the best focus image (camera limitation)

3) OSD results in adpro:
Camera title, Date and Time values appearing too small with high resolution and big text when streaming low resolution.
Camera team confirmed it was a camera issue, supposed to be fixed at | 1st loop tested-Firmware version: 1.0.9.20190422
2nd loop tested-Firmware version: 1.0.18.20190523 | XO 4.5.0, 4.5.1, 4.5.2 |

| Honeywell | HC30WF5R1 | Honeywell, ONVIF | 2 streams | OSD results in adpro: Camera title, Date and Time values appearing too small with high resolution and big text when streaming low resolution. Camera team confirmed it was a camera issue, supposed to be fixed at camera side, but currently due to the priority and related limitation, discussing with QA/Marketing, this issue will be deferred | Firmware version: 1.0.18.20190523 | XO 4.5.0, 4.5.1, 4.5.2 |

(*) Nicht in der aktuellen IP-Kamera def-Datei einer Vor- oder Release- oder Entwicklungsversion.