

Omnicast 4.3 Supported Hardware

ACTi SUPPORTED VIDEO UNITS*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
CAM 5200/5220/5300/5320	MPEG-4	IP fixed camera	No	1/1
CAM 65xx/66xx	MPEG-4	IP Speed Dome	No	0/2
CAM 7100/7120	MPEG-4	IP fixed dome	No	1/1
CAM 7200/7220	MPEG-4	IP fixed dome	No	1/1
CAM 7300/7320	MPEG-4	IP fixed dome	No	1/1
SED 2120	MPEG-4	1 input encoder	No	2/2
SED 2140	MPEG-4	1 input encoder	No	2/2
SED 2420	MPEG-4	2 input encoder	No	2/2
SED 2610	MPEG-4	8 input encoder	No	2/2 x 8

ARECONT SUPPORTED VIDEO UNITS*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
AV1300/AV2100/AV3100	MJPEG	IP fixed megapixel camera	No	No
AV3130	MJPEG	IP fixed megapixel camera	No	No
AV5100	MJPEG	IP fixed megapixel camera	No	No
AV8180/AV8360	MJPEG	IP fixed megapixel camera	No	No

AXIS SUPPORTED VIDEO UNITS*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
AXIS 205	MJPEG	IP fixed camera	No	No
AXIS 206	MJPEG	IP fixed camera	No	No
AXIS 206M	MJPEG	IP fixed megapixel camera	No	No
AXIS 206W	MJPEG	IP fixed wireless camera	No	No
AXIS 207	MJPEG/MPEG-4	IP fixed camera	Audio IN	1/1
AXIS 207W	MJPEG/MPEG-4	IP fixed wireless camera	Audio IN	1/1
AXIS 207MW	MJPEG/MPEG-4	IP fixed wireless megapixel camera	Audio IN	1/1
AXIS 209FD/209FD-R	MJPEG/MPEG-4	IP fixed dome	No	No
AXIS 209MFD/209MFD-R	MJPEG/MPEG-4	IP fixed dome	No	No
AXIS 210/210A	MJPEG/MPEG-4	IP fixed camera	Bidirectional	1/1
AXIS 211/211A	MJPEG/MPEG-4	IP fixed camera	Bidirectional	1/1
AXIS 211M	MJPEG/MPEG-4	IP fixed megapixel camera	Bidirectional	1/1
AXIS 211W	MJPEG/MPEG-4	IP fixed wireless camera	Bidirectional	1/1
AXIS 212/212-V	MJPEG/MPEG-4	IP PTZ camera	Bidirectional	1/1
AXIS 213	MJPEG/MPEG-4	IP PTZ camera	Bidi with CM Module	2/3
AXIS 214	MJPEG/MPEG-4	IP PTZ camera	Bidirectional	1/1
AXIS 215	MJPEG/MPEG-4	IP PTZ camera	Bidirectional	1/1
AXIS 216FD	MJPEG/MPEG-4	IP fixed dome	Bidirectional	1/1
AXIS 216MFD	MJPEG/MPEG-4	IP fixed megapixel dome	Bidirectional	1/1
AXIS 221	MJPEG/MPEG-4	IP fixed camera	No	2/1

AXIS 223M	MJPEG/MPEG-4	IP fixed megapixel camera	Bidirectional	2/1
AXIS 225FD	MJPEG/MPEG-4	IP fixed dome	No	2/1
AXIS 231D/232D	MJPEG/MPEG-4	IP PTZ camera	No	4/4
AXIS 231D+/232D+	MJPEG/MPEG-4	IP PTZ camera	No	4/4
AXIS 233D	MJPEG/MPEG-4	IP PTZ camera	No	4/4
AXIS 240Q	MJPEG	4 input encoder	No	4/4
AXIS 241Q/241QA	MJPEG/MPEG-4	4 input encoder	Bidirectional	4/4
AXIS 241S/241SA	MJPEG/MPEG-4	1 input encoder	Bidirectional	4/4
AXIS 243SA	MJPEG/MPEG-4	1 input encoder	Bidirectional	4/4
AXIS 243Q	MJPEG/MPEG-4	4 input encoder	No	4/4
AXIS 247S	MJPEG/MPEG-4	1 input encoder	Bidirectional	1/1
AXIS 292	MJPEG/MPEG-4	1 output decoder	No	No

BOSCH SUPPORTED VIDEO UNITS*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
VJ 10 Decoder	MPEG-4	1 output decoder	Bidirectional	1/1
VJ 10 Encoder	MPEG-4	1 input encoder	Bidirectional	1/1
VJ 8000 (edge recording)	MPEG-2	8 input encoder	No	10/0
VJ 8004 (edge recording)	MPEG-4	8 input encoder	Bidirectional	10/5
VJ 8008 (edge recording)	MPEG-4	8 input encoder	Bidirectional	10/0
VIP10 Decoder	MPEG-4	1 output decoder	Bidirectional	2/1
VIP10 Encoder	MPEG-4	1 input encoder	Bidirectional	2/1
VIP1000 Decoder	MPEG-4/MPEG-2	1 output decoder	Bidi (MPEG4) No (MPEG2)	2/1
VIP1000 Encoder	MPEG-4/MPEG-2	1 input encoder	Bidi (MPEG4) No (MPEG2)	2/1
VIP X1	MPEG-4	1 input encoder	Bidirectional	4/1
VIP X2	MPEG-4	2 input encoder	Bidirectional	4/1
VIP XD	MPEG-4	1 output decoder	Bidirectional	4/1
VIP X1600 (edge recording)	MPEG-4	16 input encoder	Audio IN	4/4
VideoJet X10 (edge recording)	MPEG-4	1 input encoder	Bidirectional	4/4
VideoJet X20 (edge recording)	MPEG-4	2 input encoder	Bidirectional	4/4
VideoJet X40 (edge recording)	MPEG-4	4 input encoder	Bidirectional	4/4
Dinion IP NWC-0455	MPEG-4	IP fixed camera	No	1/1
Dinion IP NWC-0495	MPEG-4	IP fixed camera	No	1/1
Autodome 100/200/300 IP	MPEG-4	IP PTZ camera	No	4/4
Autodome 500i	MPEG-4	IP PTZ camera	No	4/4

EXTREME CCTV SUPPORTED VIDEO UNITS*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
EX85 (through Arecont 3130)	MJPEG	IP fixed camera	No	No
EX30 (through Verint s1970)	MPEG-4	IP fixed camera	No	No
EX36 (through Verint s1970)	MPEG-4	IP fixed camera	No	No
EX80 (through Verint s1970)	MPEG-4	IP fixed camera	No	No
EX82 (through Verint s1970)	MPEG-4	IP fixed camera	No	No
EX7 (through Verint s1970)	MPEG-4	IP fixed camera	No	No

NOTE: These cameras are supported through Verint or Arecont extension. The functionalities exposed are the one of these extensions and don't necessarily reflect the Extreme CCTV cameras functionalities.

GE SUPPORTED VIDEO UNITS*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
DVMRe (edge recording)	Wavelet/JPEG2000	16 input DVR	No	No
GE CamPlus IP	MPEG-4	IP fixed dome	No	1/1
GE Megapixel	MJPEG	IP fixed megapixel camera	No	No
Legend IP	MPEG-4	IP PTZ camera	No	8/1
SymDec1 (edge recording)	MPEG-4	1 input encoder	No	1/1
SymDec4 (edge recording)	MPEG-4	4 input encoder	No	4/1
SymDec16 (edge recording)	MPEG-4	16 input encoder	Audio IN	16/4
SymNet	MPEG-4	1 input encoder (rackable)	No	1/1
SymSafe Pro 4 (edge recording)	MPEG-4	4 input encoder	Audio IN	4/2
SymSafe Pro 8 (edge recording)	MPEG-4	8 input encoder	Audio IN	8/2
SymSafe Pro 16 (edge recording)	MPEG-4	16 input encoder	Audio IN	16/2
SymSafe 4 (edge recording)	MPEG-4	4 input encoder	Audio IN	4/2
SymSafe 8 (edge recording)	MP b EG-4	8 input encoder	Audio IN	8/2
SymSafe 16 (edge recording)	MPEG-4	16 input encoder	Audio IN	16/2
SymVeo	MPEG-4	IP fixed camera	No	No

PANASONIC SUPPORTED VIDEO UNITS*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
WJ-NT304	MJPEG/MPEG-4	4 input encoder	Audio IN	No
WV-NF284	MJPEG/MPEG-4	IP fixed dome	Audio IN	No
WV-NP244	MJPEG/MPEG-4	IP fixed camera	Audio IN	No
WV-NP1004	MJPEG	IP fixed megapixel camera	No	No
WV-NS202(A)/DG-NS202(A)	MJPEG/MPEG-4	IP PTZ camera	Audio IN	No
WV-NW484S	MJPEG/MPEG-4	IP fixed dome	No	No
WV-NS954/NW964	MJPEG/MPEG-4	IP PTZ camera	Audio IN	No

PELCO SUPPORTED VIDEO UNITS*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
IP110 ^{NEW}	MPEG-4	IP fixed dome	No	No
IP3701 ^{NEW}	MPEG-4	IP fixed camera	No	No
NET5301T ^{NEW}	MPEG-4	1 input encoder	No	No
Spectra IV-IP ^{NEW}	MPEG-4	IP PTZ camera	No	No
Spectra Mini IP ^{NEW}	MPEG-4	IP PTZ camera	No	No

SONY SUPPORTED VIDEO UNITS*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
SNC-CS3	MJPEG	IP fixed camera	No	No
SNC-CS50	MJPEG/MPEG-4	IP fixed camera	Bidirectional	No
SNC-DF40/DF70	MJPEG/MPEG-4	IP fixed dome	Bidirectional	No
SNC-DF50/DF80	MJPEG/MPEG-4	IP fixed dome	Bidirectional	No
SNC-P1	MJPEG/MPEG-4	IP fixed camera	Bidirectional	No
SNC-RX550	MJPEG/MPEG-4	IP PTZ camera	Bidirectional	No
SNC-Z20	MJPEG	IP Z camera	No	No
SNC-RZ25	MJPEG/MPEG-4	IP PTZ camera	Bidirectional	No
SNC-RZ30	MJPEG	IP PTZ camera	No	No
SNC-RZ50	MJPEG/MPEG-4	IP PTZ camera	Bidirectional	No

VERINT SUPPORTED VIDEO UNITS

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
S1000w	MPEG-4	1 input encoder	Bidirectional	1/1
S1100w	MPEG-4	1 input encoder	Bidirectional	1/1
S1500e	MPEG-4	1 input encoder	Bidirectional	3/1
S1500e-R	MPEG-4	1 output decoder	Bidirectional	3/1
S1500-T4	MPEG-4	4 input encoder	Bidirectional	No
S1502e	MPEG-4	2 input encoder	Bidirectional	3/1
S1504e	MPEG-4	4 input encoder	Bidirectional	4/2
S1504e-R	MPEG-4	4 output decoder	Bidirectional	4/2
S1508e	MPEG-4	8 input encoder	Bidirectional	4/2
S1700e	MPEG-4	1 input encoder	Bidirectional	3/1
S1704e	MPEG-4	4 input encoder	Bidirectional	12/2
S1708e	MPEG-4	8 input encoder	Bidirectional	12/2
S1712e	MPEG-4	12 input encoder	Bidirectional	12/2
S1724e	MPEG-4	24 input encoder	Bidirectional	12/2
S1950e	MPEG-4	1 input encoder	Bidirectional	1/1
S1970e	MPEG-4	1 input encoder	Bidirectional	1/1
S1970e-R	MPEG-4	1 output decoder	Bidirectional	1/1
S2500 IP	MPEG-4	IP fixed camera	No	2/1
S2600/S2610	MPEG-4	IP fixed camera	No	1/1
S2700	MPEG-4	IP fixed dome	No	1/1
S3100	MPEG-4	Wireless receiver	Bidirectional	No

VIVOTEK SUPPORTED VIDEO UNITS*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
FD6111V/FD6121V	MPEG-4	IP fixed dome	No	No
FD6112V/FD6122V	MPEG-4	IP fixed dome	No	No
IP6112/IP6122	MPEG-4	IP fixed camera	No	No
PZ6112/PZ6122	MPEG-4	IP PTZ camera	No	No

OMNICAST GENERIC EXTENSION*

UNIT NAME	COMPRESSION TYPE SUPPORTED	UNIT TYPE	AUDIO SUPPORTED	I/O SUPPORTED
Axis 21xx	MJPEG	IP fixed camera	No	No
Axis P3301/P3301-V ^{NEW}	H.264	IP fixed dome	No	No
Axis Q7401 ^{NEW}	H.264	1 input encoder	No	No
Axis Q7406 ^{NEW}	H.264	6 input encoder	No	No
Canon VB-C50i	JPEG	IP PTZ camera	No	No
Canon VB-C300	JPEG	IP PTZ camera	No	No
IQEye511	MJPEG	IP fixed megapixel camera	No	No
IQEye701/702/703/705	MJPEG	IP fixed megapixel camera	No	No
Lumenera Le375C-DN	MJPEG	IP fixed megapixel camera	No	No
Lumenera Li045C-DN	MJPEG	IP fixed megapixel camera	No	No
Mango DSP Raven-X2	MPEG-4/H.264	4 input encoder	No	No
Mango DSP Raven-M	MPEG-4/H.264	2 input encoder	No	No
Mobotix M10	JPEG	IP fixed camera	No	No
Optelecom-NKF C-40/44 ^{NEW}	MPEG-4	4 input encoder	No	No
Optelecom-NKF S-40/44 ^{NEW}	MPEG-4	4 input encoder	No	No
Panasonic WV-NM100	MJPEG	IP fixed camera	No	No
Panasonic BB-HCM515	MJPEG	IP PT camera	No	No
Phoenix IVS IVM Rugged Ethernet R2	MPEG-4/H.264	1 input encoder	No	No

Sony SNTV704	MJPEG	4 input encoder	No	No
Toshiba IK-WB12	MJPEG	IP fixed camera	No	No
Toshiba IK-WB15A	MJPEG	IP PT camera	No	No
Toshiba IK-WB21A	MJPEG	IP PTZ camera	No	No
Vivotek PT7135/PT7137	MPEG-4	IP PT camera	No	No

SUPPORTED PTZ PROTOCOLS*

Protocol Name	Protocol Type	Note
360Vision	Analog	--
Astel TC20	Analog	--
Axis	IP	For IP cameras only
Axsys	Analog	--
Bosch Bilinx	Analog	--
Canon VB-C300	IP	For IP cameras only
Canon VB-C50i	IP	For IP cameras only
Canon VC-C1	Analog	--
Canon VC-C4	Analog	--
CNB	Analog	--
Cohu	Analog	All analog cameras compliant with CCR protocol revision 1.0 including iDOME series
DVTel IP	Analog	--
Dynacolor	Analog	--
Elbex	Analog	--
Elbex Ex2000-8000	Analog	--
Ernitec	Analog	--
Ernitec Invert	Analog	--
GE Kalatel ASCII	Analog	Compliant with Kalatel ASCII protocol including CyberDome and CyberScout
GE Legend	Analog	--
Guardall	Analog	--
GYR Vortex	Analog	Vortex V6 series, VM series and VDN series
Hytec	Analog	Hytec DTR 100 Z ADF NTSC
Image Labs	Analog	--
IR516 Thermal Camera	Analog	--
IR516 Thermal Cam./Videotec	Analog	--
ISAP	Analog	--
ISAP/QuickSet	Analog	--
ISAP/Quickset QPT130	Analog	--
ISS	Analog	--
Javelin J0308	Analog	J0308ACU, J0308ACULV, J0308ACUX
JVC JCCP-F	Analog	--
JVC JCPB-S	Analog	--
LMW	Analog	--
LMW Thermal	Analog	--
Merit Li-Lin	Analog	Compliant with Fastdome protocol including PIH-7625,7000,7600
Panasonic BB-HCM381	IP	For IP cameras only
Panasonic Conventional	Analog	Including WV-NS324, WV-CW474F/S, WF-CW244F/S, WV-NW474S, WV-CW864A/964
Panasonic WV-NS202	IP	For IP cameras only
Panasonic WV-NW484	IP	For IP cameras only
Panasonic WV-NW964	IP	For IP cameras only
Pelco D	Analog	Including Spectra series, DF and DD series
Pelco IP	IP	For IP cameras only
Pelco P	Analog	Including Spectra series, DF and DD series
Phillips	Analog	--
Phillips Fixed Speed	Analog	--

Quickset	Analog	--
Quickset QPT 130	Analog	--
Radian	Analog	Camera type: 5" high speed dome
Rvision	Analog	--
Samsung SPD 1600	Analog	--
Samsung SPD SCC-641/643	Analog	--
Sanyo	Analog	--
Sensormatic RS422	Analog	Including SpeedDome Ultra IV and AD DeltaDome
Siemens	Analog	--
Sony BRC-300	Analog	--
Sony Data911	Analog	--
Sony SNC-RZ25	IP	For IP cameras only
Sony SNC-RZ30	IP	For IP cameras only
Sony SNC-RZ50	IP	For IP cameras only
Sony SNC-Z20	IP	For IP cameras only
Sony Visca	Analog	--
Thermovision	Analog	--
Thermovision/Quickset	Analog	--
Toshiba IK-WB15A	IP	For IP cameras only
Toshiba IK-WB21A	IP	For IP cameras only
Ultrak	Analog	--
VCL	Analog	Compliant with VCLTP protocol
Vicon V15UVS	Analog	--
Vicon V1x00R-PVP	Analog	--
Videolarm	Analog	Including VLPT400 EIA485/EIA422
Videotec	Analog	
Vivotek PZ6X	IP	For IP cameras only

Please note that the supported functionalities may vary depending on the protocol. Contact Genetec for more information.

SUPPORTED CCTV KEYBOARDS*

Protocol Name	Note
AD2078-ASCII	--
AD2088-ASCII	--
Bosch Autodome	--
DT (before version 3.0)	--
DVTel	--
GE ImpactNet (Kalatel)	--
ISS Access Control	Not a keyboard, for access control interface
Panasonic	Model WV-CU161C
Pelco 9760	--
Pelco-ASCII	--
Pelco P	--
Radionics	Keyboard supporting 5" high speed dome
Samsung SCC-1000	--
Videolarm	Including Videolarm keyboard compliant with VLC 485 RS232 communication protocol

Please note that the supported functionalities may vary depending on the protocol. Contact Genetec for more information.

SUPPORTED HARDWARE MATRICES*

Protocol Name	Note
American Dynamics AD2150	2150 series and MegaPower 1024 series
Bosch LTC 8100	Including LTC 8300 and 8800 series
GE Kalatel ASCII	--
Pelco 9760	9760 and 9740 series matrix switchers using Pelco P protocol
Pelco ASCII	--

Please note that the supported functionalities may vary depending on the protocol. Contact Genetec for more information.