



Model:	M24M-IT	M24M-IT-Night	M24M-Sec	M24M-Sec-Night	M22M-Sec-CSVario
Indoor/Outdoor:	In/Outdoor, weatherproof, IP66, -30°C...+60°C	In/Outdoor, weatherproof, IP66, -30°C...+60°C	In/Outdoor, weatherproof, IP66, -30°C...+60°C	In/Outdoor, weatherproof, IP66, -30°C...+60°C	In/Outdoor, weatherproof, IP66, -30°C...+60°C
Lenses: (eg 35mm)	Exchangeable lenses from Super Wide Angle (90°) to Tele (135mm) VGA (640x480 pixels), colour	Exchangeable lenses from Super Wide Angle (90°) to Tele (135mm) VGA (640x480 pixels), B/W	Exchangeable lenses from Super Wide Angle (90°) to Tele (135mm) 3MEGA (2048x1536 pixels), colour	Exchangeable lenses from Super Wide Angle (90°) to Tele (135mm) MEGA (1280x960 pixels) B/W	CS-Mount Vario 24-54 (24 to 54mm) F1.6-2.3 3MEGA (2048x1536 pixels), colour
Resolution:	Continuous 8x zoom & pan/tilt (digital) 30 fps VGA ● 30 fps CIF	Continuous 8x zoom & pan/tilt (digital) 30 fps VGA ● 30 fps CIF	Continuous 8x zoom & pan/tilt (digital) 30 fps VGA ● 30 fps CIF ● 20 fps Mega	Continuous 8x zoom & pan/tilt (digital) 30 fps VGA ● 30 fps Mega	Continuous 8x zoom & pan/tilt (digital) 30 fps VGA ● 30 fps CIF ● 20 fps Mega
Pan/Tilt/Zoom	Continuous 8x zoom & pan/tilt (digital)	Continuous 8x zoom & pan/tilt (digital)	Continuous 8x zoom & pan/tilt (digital)	Continuous 8x zoom & pan/tilt (digital)	Continuous 8x zoom & pan/tilt (digital)
Frame Rate (Mono):	30 fps VGA ● 30 fps CIF	30 fps VGA ● 30 fps CIF	30 fps VGA ● 30 fps CIF ● 20 fps Mega	30 fps VGA ● 30 fps Mega	30 fps VGA ● 30 fps CIF ● 20 fps Mega
Sensitivity:	1 lux (t=1/60sec) ● 0.05 lux (t=1/1sec)	0.1 lux (t=1/60sec) ● 0.005 lux (t=1/1sec)	1 lux (t=1/60sec) ● 0.05 lux (t=1/1sec)	0.1 lux (t=1/60sec) ● 0.005 lux (t=1/1sec)	1 lux (t=1/60sec) ● 0.05 lux (t=1/1sec)
Interfaces:	Ethernet 10/100 Mbps, USB, MxBus	Ethernet 10/100 Mbps, USB, MxBus	Ethernet 10/100 Mbps, USB, MxBus	Ethernet 10/100 Mbps, USB, MxBus	Ethernet 10/100 Mbps, USB, MxBus
Internal DVR:	Up to 16GB via MicroSD card	Up to 16GB via MicroSD card	Up to 16GB via MicroSD card	Up to 16GB via MicroSD card	Up to 16GB via MicroSD card
Audio/Telephony:	Bidirectional, VoIP, IP-Telephony	Bidirectional, VoIP, IP-Telephony	Bidirectional, VoIP, IP-Telephony	Bidirectional, VoIP, IP-Telephony	Bidirectional, VoIP, IP-Telephony
Power Sup●In/Out:	PoE (IEEE 802.3af) ● via ExtIO	PoE (IEEE 802.3af) ● via ExtIO	PoE (IEEE 802.3af) ● via ExtIO	PoE (IEEE 802.3af) ● via ExtIO	PoE (IEEE 802.3af) ● via ExtIO
Software Features:	FTP, E-mail, video alarm management, video motion, Multiview, event search	FTP, E-mail, video alarm management, video motion, Multiview, event search	FTP, E-Mail, video alarm management, video motion, Multiview, event search	FTP, E-Mail, video alarm management, video motion, Multiview, event search	FTP, E-Mail, video alarm management, video motion, Multiview, event search
Arming●Triggering:	365 day schedule ● multiple events	365 day schedule ● multiple events	365 day schedule ● multiple events	365 day schedule ● multiple events	365 day schedule ● multiple events
External Storage:	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS



Model:	M12M-Web-D43	M12D-IT-DNight-D43N43	M12D-Sec-D22D135	M12D-Sec-Dnight-D43N43	M12D-Sec-Dnight-D22N22	M12D-Sec-R8
Indoor/Outdoor:	In/Outdoor, weatherproof, -30°C...+60°C Wide-angle only (43mm, F2.0)	Dual lens outdoor, IP65, -30°C...+60°C	Dual lens outdoor, IP65, -30°C...+60°C	Dual lens outdoor, IP65, -30°C...+60°C	Dual lens outdoor, IP65, -30°C...+60°C	Dual lens outdoor, IP65, -30°C...+60°C
Lenses: (eg 35mm)	No other lens available 3MEGA (2048x1536 pixels) colour	2 Wide-angle (43mm F2.0), DNight: automatic Day/Night switching 2x VGA (640x680 pixels, colour & B/W)	Super Wide Angle (22mm, 90°, F2.0), Tele (135mm, F2.5) 2x 3MEGA (2048x1536 pixels) (colour)	2 Wide-angle (43mm, F2.0) DNight: automatic Day/Night switching 1x 3MEGA (2048x1536 pixels) colour 1x MEGA (1280x960 pixels) B/W	2 Super Wide-angle (22mm, 90°, F2.0) DNight: automatic Day/Night switching 1x 3MEGA (2048x1536 pixels) colour 1x MEGA (1280x960 pixels) B/W	Super Wide Angle (22mm, 90°, F2.0), 43mm, 135mm 1x 3MEGA (2048x1536 pixels) colour 1x MEGA (1280x960 pixels) B/W
Resolution:	Continuous 8x zoom & pan/tilt (digital) 30 fps VGA ● 30 fps CIF ● 10 fps Mega	./.	Continuous 8x zoom & pan/tilt (digital) 30 fps VGA ● 30 fps CIF ● 10 fps Mega	Continuous 8x zoom & pan/tilt (digital) 30 fps VGA ● 30 fps CIF ● 10 fps Mega	Continuous 8x zoom & pan/tilt (digital) 30 fps VGA ● 30 fps CIF ● 10 fps Mega	Continuous 8x zoom & pan/tilt (digital) 30 fps VGA ● 30 fps CIF ● 10 fps Mega
Pan/Tilt/Zoom	Continuous 8x zoom & pan/tilt (digital)	./.	Continuous 8x zoom & pan/tilt (digital)	Continuous 8x zoom & pan/tilt (digital)	Continuous 8x zoom & pan/tilt (digital)	Continuous 8x zoom & pan/tilt (digital)
Frame Rate (Mono):	30 fps VGA ● 30 fps CIF ● 10 fps Mega	30 fps VGA ● 30 fps CIF	30 fps VGA ● 30 fps CIF ● 10 fps Mega	30 fps VGA ● 30 fps CIF ● 10 fps Mega	30 fps VGA ● 30 fps CIF ● 10 fps Mega	30 fps VGA ● 30 fps CIF ● 10 fps Mega
Sensitivity:	1 lux (t=1/60sec) ● 0.05 lux (t=1/1sec)	0.1 lux (t=1/60sec) ● 0.005 lux (t=1/1sec)	1 lux (t=1/60sec) ● 0.05 lux (t=1/1sec)	0.1 lux (t=1/60sec) ● 0.005 lux (t=1/1sec)	0.1 lux (t=1/60sec) ● 0.005 lux (t=1/1sec)	0.1 lux (t=1/60sec) ● 0.005 lux (t=1/1sec)
Interfaces:	ISDN, Ethernet 10/100 Mbps Up to 16GB with SD card	ISDN, Ethernet 10/100 Mbps, RS232	ISDN, Ethernet 10/100 Mbps, RS232	ISDN, Ethernet 10/100 Mbps, RS232	ISDN, Ethernet 10/100 Mbps, RS232	ISDN, Ethernet 10/100 Mbps, RS232
Internal DVR:	./.	Up to 16GB with SD card	Up to 16GB with SD card	Up to 16GB with SD card	Up to 16GB with SD card	8 GB CF-card installed
Audio/Telephony:	PoE or MX30V ● ./.	Bidirectional VoIP, IP-Telephony	Bidirectional VoIP, IP-Telephony	Bidirectional VoIP, IP-Telephony	Bidirectional VoIP, IP-Telephony	Bidirectional VoIP, IP-Telephony
Power Sup●In/Out:	Logo generator, FTP, Email	PoE or MX30V ● 1xIN, 1xOUT	PoE or MX30V ● 1xIN, 1xOUT	PoE or MX30V ● 1xIN, 1xOUT	PoE or MX30V ● 1xIN, 1xOUT	PoE or MX30V ● 1xIN, 1xOUT
Software Features:	7 day schedule ● multiple events FTP, triggered by events/time schedule	FTP, Email, video alarm management, video motion, Multiview, event search	FTP, Email, video alarm management, video motion, Multiview, event search	FTP, Email, video alarm management, video motion, Multiview, event search	FTP, Email, video alarm management, video motion, Multiview, event search	FTP, Email, video alarm management, video motion, Multiview, event search
Arming●Triggering:	365 day schedule ● multiple events	365 day schedule ● multiple events	365 day schedule ● multiple events	365 day schedule ● multiple events	365 day schedule ● multiple events	365 day schedule ● multiple events
External Storage:	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS



Model:	D24Mi-Basic-D22	D24M-IT-D22	D24M-Sec	D24M-Sec-Night	Q24-Basic-D11	Q24-Sec-D11
Indoor/Outdoor:	Indoor, IP54, -30°C... +50°C	In/Outdoor, weatherproof, IP66, -30°C... +60°C	In/Outdoor, weatherproof, IP66, -30°C... +60°C	In/Outdoor, weatherproof, IP66, -30°C... +60°C	Indoor, IP54, -30°C... +50°C	In/Outdoor, weatherproof, IP66, -30°C... +60°C
Lenses: (eg 35mm)	Super Wide Angle (22mm, 90°, F2.0)	Super Wide Angle (22mm, 90°, F2.0)	Super Wide Angle (22mm, 90°, F2.0), 32mm, 43mm, 65mm, 135mm	Super Wide Angle (22mm, 90°, F2.0), 32mm, 43mm, 65mm, 135mm	Hemispheric (11mm), Super Wide Angle (22mm, 90°, F2.0)	Hemispheric (11mm), Super Wide Angle (22mm, 90°, F2.0)
Resolution:	VGA (640x480 pixels), colour	VGA (640x480 pixels), colour	3MEGA (2048x1536 pixels), colour	MEGA (1280x960 pixels), B/W	VGA (640x480 pixels), colour	3MEGA (2048x1536 pixels), colour
Pan/Tilt/Zoom	./.	./.	Continuous 8x zoom & pan/tilt (digital)	Continuous 8x zoom & pan/tilt (digital)	16 fps VGA ● 16fps CIF	Continuous 8x zoom & pan/tilt (digital)
Frame Rate (Mono):	16 fps VGA ● 16fps CIF	30 fps VGA ● 30 fps CIF	30 fps VGA ● 30 fps CIF ● 30 fps Mega	30 fps VGA ● 30 fps CIF ● 30 fps Mega	1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)	30 fps VGA ● 30 fps Mega ● 20 fps 3MEGA
Sensitivity:	1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)	1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)	1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)	0.1 lux (t=1/60 sec) ● 0.005 lux (t=1/1 sec)	1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)	1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)
Interfaces:	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps, USB master	Ethernet 10/100 Mbps, USB master	Ethernet 10/100 Mbps, USB master	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps, USB, ext. Audio
Internal DVR:	./.	Up to 32GB with MicroSD card	Up to 32GB with MicroSD card	Up to 32GB with MicroSD card	./.	Up to 32GB with microSD card
Audio/Telephony:	./.	Bidirectional, VoIP, IP-Telephony	Bidirectional, VoIP, IP-Telephony	Bidirectional, VoIP, IP-Telephony	PoE or MX30V ● ./.	Bidirectional, VoIP, IP-Telephony
Power Sup ● In/Out:	PoE ● ./.	PoE ● via Mini USB	PoE ● via Mini USB	PoE ● via Mini USB	Distortion correction in MxCC, FTP,	PoE or MX30V ● 2x In, 1x Out
Software Features:	FTP, Email, video alarm management, video motion, Multiview, event search	FTP, Email, video alarm management, video motion, Multiview, event search	FTP, Email, video alarm management, video motion, Multiview, event search	FTP, Email, video alarm management, video motion, Multiview, event search	Email, video alarm manag., multiview	Distortion correction in MxCC, FTP, Email, video alarm manag., multiview
Arming ● Triggering:	./.	365 day schedule ● multiple events	365 day schedule ● multiple events	365 day schedule ● multiple events	./.	365 day schedule ● multiple events
External Storage:	./.	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS	./.	Up to 1 Terabyte on PC/Server/NAS



Model:	D12Di-IT	D12Di-Sec	D12Di-Sec-180°
Indoor/Outdoor:	Dual lens indoor, IP54, -30°C... +60°C	Dual lens indoor, IP54, -30°C... +60°C	Dual lens indoor, IP54, -30°C... +60°C
Lenses: (eg 35mm)	Super Wide Angle (22mm, 90°, F2.0)	Super Wide Angle (22mm, 90°, F2.0), 32mm, 43mm, 65mm, 135mm	Super Wide Angle (22mm, 90°, F2.0)
Resolution:	2 x VGA (640x480 pixels), colour & B/W	1x 3MEGA (2048x1536 pixels) colour 1x MEGA (1280x960 pixels) B/W	1x 3MEGA (2048x1536 pixels) colour 1x MEGA (1280x960 pixels) B/W
Pan/Tilt/Zoom	./.	Continuous 8x zoom & pan/tilt (digital)	Continuous 8x zoom & pan/tilt (digital)
Frame Rate (Mono):	30 fps VGA ● 30 fps CIF	30 fps VGA ● 30 fps CIF ● 10 fps Mega	30 fps VGA ● 30 fps CIF ● 10 fps Mega
Sensitivity:	1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)	1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)	1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)
Interfaces:	ISDN, Ethernet 10/100 Mbps, RS232	ISDN, Ethernet 10/100 Mbps, RS232	ISDN, Ethernet 10/100 Mbps, RS232
Internal DVR:	Up to 16GB with SD card	Up to 16GB with SD card	Up to 16GB with SD card
Audio/Telephony:	Bidirectional, VoIP, IP-Telephony	Bidirectional, VoIP, IP-Telephony	Bidirectional, VoIP, IP-Telephony
Power Sup ● In/Out:	PoE or MX30V ● 1x In, 1x Out	PoE or MX30V ● 1x In, 1x Out	PoE or MX30V ● 1x In, 1x Out
Software Features:	FTP, Email, video alarm management, video motion, Multiview, event search	FTP, Email, video alarm management, video motion, Multiview, event search	FTP, Email, video alarm management, video motion, Multiview, event search
Arming ● Triggering:	365 day schedule ● multiple events	365 day schedule ● multiple events	365 day schedule ● multiple events
External Storage:	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS	Up to 1 Terabyte on PC/Server/NAS



MX ControlCenter for Windows

High performance with up to 40 smooth video streams live/stored (on a single PC), integration of analogue and digital PTZ cameras with joystick control, alarm management and event search.

Lens Options	L22 Day	L22 Night	L32 Day	L32 Night	L43 Day	L43 Night	L65 Day	L65 Night	L135 Day	L135 Night
M22M-IT-D22	●	-	●	-	●	-	●	-	●	-
M22M-Sec	●	-	●	-	●	-	●	-	●	-
M22M-Sec-Night	-	●	-	●	-	●	-	●	-	●
M12M-Web-D43	-	-	-	-	●	-	-	-	-	-
M12D-IT-DNight-D43N43	-	-	-	-	●	●	-	-	-	-
M12D-Sec-D22D135	●	-	-	-	-	-	-	-	●	-
M12D-Sec-DNight-D22N22	●	●	-	-	-	-	-	-	-	-
M12D-Sec-DNight-D43N43	-	-	-	-	●	●	-	-	-	-
D12Di-IT / D12Di-Sec	●	●	●	●	●	●	●	●	●	●
D22Mi-Basic-D22	●	-	●	-	●	-	●	-	●	-
D22M-IT-D22	●	-	●	-	●	-	●	-	●	-
D22M-IT-Night-N22	-	●	-	●	-	●	-	●	-	●
D22M-Sec	●	-	●	-	●	-	●	-	●	-
D22-Sec-Night	-	●	-	●	-	●	-	●	-	●
● = Standard delivery (incl)					● = optional lens (excl)					

Free Download

M12/22 Accessories



Part Name: SecureFlex-Wall-/Ceiling Mount
Description:
 • Protected concealed cabling
 • ±90° right/left pivoting
 • 70° down tilt
 • Covers RJ45 wall outlets
 • Compatible with M1/M10/M12 cameras



M12/M22-Pole Mount
 • 3mm stainless steel, white
 • Mast or pole mounting
 • Pole circumference from 60 to 180mm
 • 2 x metal mounting bands, fittings and grommet included



Cam-IO-PoE/AC/ACPlus
 • Interface for external sensors and equipment (door contact, light etc.)
 • 2x Output, 2x Input, backup, audio
 • Power supply via network/230V/ 230V battery buffered



D12 Vandalism Set
 • Reinforced dome (3mm Polyc.)
 • Stainless steel vandalism ring (matt, polished or white, silver, black powder-coated)



D12 Wall Mount
 • Weatherproof (IP65) for D12D-Dome
 • Robust and UV resistant PBT30GF
 • Concealed cabling
 • Covers RJ45 wall outlets
 • Possible to fit WLAN or GSM/GPRS equipment inside housing



D12 Pole Mount
 • 3mm stainless steel, powder-coated
 • Pole diam.: 60 to 180mm
 • Incl. mounting supplies

D12 Accessories



Part Name: D22 Vandalism Set
Description:
 • Reinforced dome (3mm Polyc.)
 • Stainless steel vandalism ring (matt, polished or white, silver, black powder coated)



D22 On-Wall Set
 • On-wall mount incl. mounting parts
 • Concealed cabling
 • Ø165x37mm/6.5x1.5in
 • Excluding camera



D22 In-Ceiling Set
 • In-ceiling set incl. mounting parts
 • Easy mounting from front
 • Ø150mm/5.9in diameter
 • Excluding camera



D22 Wall Mount
 • Weather protection (IP65) for D22
 • Covers RJ45 wall outlets
 • Space for expansion modules (WiFi)



D22 Pole Mount
 • 3mm stainless steel, powder-coated
 • Pole diam.: 60 to 180mm
 • Incl. mounting supplies

Mounted to corner



Mounted to pole



Accessories All Cameras



Part Name: Network Power Adaptor Set
Description:
 • Power supply via network cabling
 • All camera models



Network Power Box for 4 cameras
 • Power supply for DIN rails
 • All camera models



Network Power Rack (8/20 cameras)
 • Power supply via network cabling
 • All camera models



M12-DevKit
 • M12 main board incl. sound module for connecting up to 2 cameras
 • Without housing for concealed installation
 • Housing available separately



ExtIO
 • Each with 2 In- and Output contacts 8-24V
 • Microphone with adjustable volume control, speaker, status LEDs
 • USB interface
 • Temperature sensor, 2 buttons

Mounted to pole



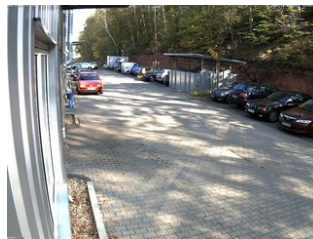
Mounted to wall and ceiling



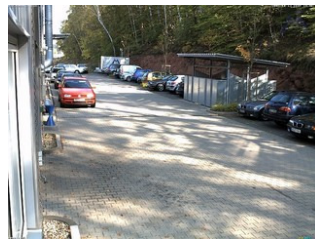
L22 Super Wide Angle 90° x 67°



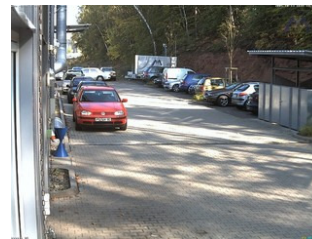
L32 Wide Angle (60° x 45°)



L43 Wide Angle (45° x 34°)



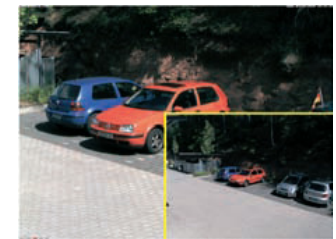
L65 Tele (31° x 23°)



L135 (Tele (15° x 11°)



V24-54 CS Vario*



Lenses