



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), colour	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
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-D22D153	M12D-Sec-Dnight-D43N43	M12D-Sec-Dnight-D22N22	M12D-Sec-R8
Indoor/Outdoor:	In/Outdoor, weatherproof, -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	Dual lens outdoor, IP65, -30°C...+60°C
Lenses: (eg 35mm)	Wide-angle only (43mm, F2.0) 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
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	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	Up to 16GB with SD card	8 GB CF-card installed
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 or MX30V●./.	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:	Logo generator, FTP, Email	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:	7 day schedule●multiple events	FTP, triggered by events/time schedule	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

Indoor/Outdoor: Indoor, IP54, -30°C... +50°C

Lenses: (eg 35mm) Super Wide Angle (22mm, 90°, F2.0)

Resolution: VGA (640x480 pixels), colour

Pan/Tilt/Zoom: ./.

Frame Rate (Mono): 16 fps VGA ● 16fps CIF

Sensitivity: 1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)

Interfaces: Ethernet 10/100 Mbps

Internal DVR: ./.

Audio/Telephony: ./.

Power Sup●In/Out: PoE ● ./.

Software Features: FTP, Email, video alarm management, video motion, Multiview, event search

Arming ● Triggering: ./.

External Storage: ./.

Model: D24M-IT-D22

Indoor/Outdoor: In/Outdoor, weatherproof, IP66, -30°C... +60°C

Lenses: (eg 35mm) Super Wide Angle (22mm, 90°, F2.0)

Resolution: VGA (640x480 pixels), colour

Pan/Tilt/Zoom: ./.

Frame Rate (Mono): 30 fps VGA ● 30 fps CIF

Sensitivity: 1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)

Interfaces: Ethernet 10/100 Mbps, USB master

Internal DVR: Up to 32GB with MicroSD card

Audio/Telephony: Bidirectional, VoIP, IP-Telephony

Power Sup●In/Out: PoE ● via Mini USB

Software Features: FTP, Email, video alarm management, video motion, Multiview, event search

Arming ● Triggering: 365 day schedule ● multiple events

External Storage: Up to 1 Terabyte on PC/Server/NAS

Model: D24M-Sec

Indoor/Outdoor: In/Outdoor, weatherproof, IP66, -30°C... +60°C

Lenses: (eg 35mm) Super Wide Angle (22mm, 90°, F2.0), 32mm, 43mm, 65mm, 135mm

Resolution: 3MEGA (2048x1536 pixels), colour

Pan/Tilt/Zoom: Continuous 8x zoom & pan/tilt (digital)

Frame Rate (Mono): 30 fps VGA ● 30 fps CIF ● 30 fps Mega

Sensitivity: 1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)

Interfaces: Ethernet 10/100 Mbps, USB master

Internal DVR: Up to 32GB with MicroSD card

Audio/Telephony: Bidirectional, VoIP, IP-Telephony

Power Sup●In/Out: PoE ● via Mini USB

Software Features: FTP, Email, video alarm management, video motion, Multiview, event search

Arming ● Triggering: 365 day schedule ● multiple events

External Storage: Up to 1 Terabyte on PC/Server/NAS

Model: D24M-Sec-Night

Indoor/Outdoor: In/Outdoor, weatherproof, IP66, -30°C... +60°C

Lenses: (eg 35mm) Super Wide Angle (22mm, 90°, F2.0), 32mm, 43mm, 65mm, 135mm

Resolution: MEGA (1280x960 pixels), B/W

Pan/Tilt/Zoom: Continuous 8x zoom & pan/tilt (digital)

Frame Rate (Mono): 30 fps VGA ● 30 fps CIF ● 30 fps Mega

Sensitivity: 0.1 lux (t=1/60 sec) ● 0.005 lux (t=1/1 sec)

Interfaces: Ethernet 10/100 Mbps, USB master

Internal DVR: Up to 32GB with MicroSD card

Audio/Telephony: Bidirectional, VoIP, IP-Telephony

Power Sup●In/Out: PoE ● via Mini USB

Software Features: FTP, Email, video alarm management, video motion, Multiview, event search

Arming ● Triggering: 365 day schedule ● multiple events

External Storage: Up to 1 Terabyte on PC/Server/NAS

Model: Q24-Basic-D11

Indoor/Outdoor: Indoor, IP54, -30°C... +50°C

Lenses: (eg 35mm) Hemispheric (11mm), Super Wide Angle (22mm, 90°, F2.0)

Resolution: VGA (640x480 pixels), colour

Pan/Tilt/Zoom: Digital PTZ via MXControlCentre

Frame Rate (Mono): 16 fps VGA ● 16fps CIF

Sensitivity: 1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)

Interfaces: Ethernet 10/100 Mbps

Internal DVR: ./.

Audio/Telephony: PoE or MX30V ● ./.

Power Sup●In/Out: Distortion correction in MxCC, FTP, Email, video alarm manag., multiview

Software Features: ./.

Arming ● Triggering: ./.

External Storage: ./.

Model: Q24-Sec-D11

Indoor/Outdoor: In/Outdoor, weatherproof, IP66, -30°C... +60°C

Lenses: (eg 35mm) Hemispheric (11mm), Super Wide Angle (22mm, 90°, F2.0)

Resolution: 3MEGA (2048x1536 pixels), colour

Pan/Tilt/Zoom: Continuous 8x zoom & pan/tilt (digital)

Frame Rate (Mono): 30 fps VGA ● 30 fps Mega ● 20 fps 3MEGA

Sensitivity: 1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)

Interfaces: Ethernet 10/100 Mbps, USB, ext. Audio

Internal DVR: Up to 32GB with microSD card

Audio/Telephony: Bidirectional, VoIP, IP-Telephony

Power Sup●In/Out: PoE or MX30V ● 2x In, 1x Out

Software Features: Distortion correction in MxCC, FTP, Email, video alarm manag., multiview

Arming ● Triggering: 365 day schedule ● multiple events

External Storage: Up to 1 Terabyte on PC/Server/NAS



Model: D12Di-IT

Indoor/Outdoor: Dual lens indoor, IP54, -30°C... +60°C

Lenses: (eg 35mm) Super Wide Angle (22mm, 90°, F2.0)

Resolution: 2 x VGA (640x480 pixels), colour & B/W

Pan/Tilt/Zoom: ./.

Frame Rate (Mono): 30 fps VGA ● 30 fps CIF

Sensitivity: 1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)

Interfaces: ISDN, Ethernet 10/100 Mbps, RS232

Internal DVR: Up to 16GB with SD card

Audio/Telephony: Bidirectional, VoIP, IP-Telephony

Power Sup●In/Out: PoE or MX30V ● 1x In, 1x Out

Software Features: FTP, Email, video alarm management, video motion, Multiview, event search

Arming ● Triggering: 365 day schedule ● multiple events

External Storage: Up to 1 Terabyte on PC/Server/NAS

Model: D12Di-Sec

Indoor/Outdoor: Dual lens indoor, IP54, -30°C... +60°C

Lenses: (eg 35mm) Super Wide Angle (22mm, 90°, F2.0), 32mm, 43mm, 65mm, 135mm

Resolution: 1x 3MEGA (2048x1536 pixels) colour

Pan/Tilt/Zoom: Continuous 8x zoom & pan/tilt (digital)

Frame Rate (Mono): 30 fps VGA ● 30 fps CIF ● 10 fps Mega

Sensitivity: 1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)

Interfaces: ISDN, Ethernet 10/100 Mbps, RS232

Internal DVR: Up to 16GB with SD card

Audio/Telephony: Bidirectional, VoIP, IP-Telephony

Power Sup●In/Out: PoE or MX30V ● 1x In, 1x Out

Software Features: FTP, Email, video alarm management, video motion, Multiview, event search

Arming ● Triggering: 365 day schedule ● multiple events

External Storage: Up to 1 Terabyte on PC/Server/NAS

Model: D12Di-Sec-180°

Indoor/Outdoor: Dual lens indoor, IP54, -30°C... +60°C

Lenses: (eg 35mm) Super Wide Angle (22mm, 90°, F2.0)

Resolution: 1x 3MEGA (2048x1536 pixels) colour

Pan/Tilt/Zoom: Continuous 8x zoom & pan/tilt (digital)

Frame Rate (Mono): 30 fps VGA ● 30 fps CIF ● 10 fps Mega

Sensitivity: 1 lux (t=1/60 sec) ● 0.05 lux (t=1/1 sec)

Interfaces: ISDN, Ethernet 10/100 Mbps, RS232

Internal DVR: Up to 16GB with SD card

Audio/Telephony: Bidirectional, VoIP, IP-Telephony

Power Sup●In/Out: PoE or MX30V ● 1x In, 1x Out

Software Features: FTP, Email, video alarm management, video motion, Multiview, event search

Arming ● Triggering: 365 day schedule ● multiple events

External Storage: 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.

[Free Download](#)

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)	

M12/M22 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

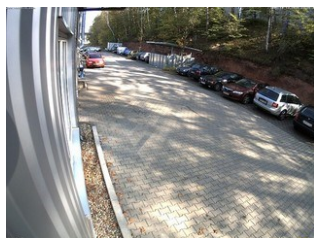
Mounted to pole



Mounted to wall and ceiling



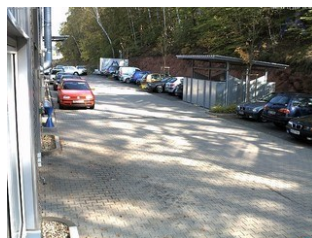
L22 Super Wide Angle 90° x 67°



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