

	M12M-Web MX-M12-Web-D43	M12D-IT MX-M12D-IT-D43D135	M12D-IT-DNight MX-M12D-IT-DNight-D43N43	M12D-Sec MX-M12D-Sec-D43D135	M12D-Sec-DNight MX-M12D-Sec-DNight-D43N43	M12D-Sec-DNight MX-M12D-Sec-DNight-D135N135
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M12 Hardware Features						
Outdoor weatherproof (IP65)	IP65	IP65	IP65	IP65	IP65	IP65
Ethernet, ISDN, USB, RS232	E / / - / -	E / / - /R	E / / - /R	E / / - /R	E / / - /R	E / / - /R
SD card	1	1	1	1	1	1
Microphone/speaker	-/S	M/S	M/S	M/S	M/S	M/S
Mono (M) / Dual (D)	M	D	D-Night	D	D-Night	D-Night
Image sensor	Color	Color	Color & BW	Color	Color & BW	Color & BW
Standard lens	L43	L43/L135	L43/L43	L43/L135	L43/L43	L135/L135
Image size	Mega	VGA	VGA	Mega	Mega	Mega
Resolution horizontal x vertical	1280x960	640x480	640x480	1280x960	1280x960	1280x960
Max. frame rate CIF/VGA/Mega	30/30/10	30/30/-	30/30/-	30/30/10	30/30/10	30/30/10
Sensitivity at 1/60 second (Lux)	1	1	0.1	1	0.1	0.1
Sensitivity at 1 second (Lux)	0.05	0.05	0.005	0.05	0.005	0.005
Automatic night lens switch	-	-	X	-	X	X
Storage (MB)	64	64	64	128	128	128
Video ring buffer (MB)	12	32	32	64	64	64
CIF images approx.	750	2000	2000	4.000	4.000	4000
VGA images approx.	450	1250	1250	2.500	2.500	2500
Mega images approx.	150	-	-	800	800	800
External audio (Line-In/Out)	-	X	X	X	X	X
Switch/signal input pins	-	1/2	1/2	1/2	1/2	1/2
Switch/signal output pins	-	1/2	1/2	1/2	1/2	1/2
Concealed cabling	X	X	X	X	X	X
In stock	Yes	Yes	Yes	Yes	Yes	Yes

	L22 Super Wide Angle 90°	L32 Wide Angle*	L43 Wide Angle	L65 Tele*	L135 Tele
MOBOTIX Lenses					
	approx. 90°H x 67°V at 10 m appr.: 20.0 x 13.3 m	approx. 60°H x 45°V at 10 m appr.: 11.5 x 8.2 m	approx. 45°H x 34°V at 10 m appr.: 8.2 x 6.1 m	approx. 31°H x 23°V at 10 m appr.: 5.5 x 4.0 m	approx. 15°H x 11°V at 10 m appr.: 2.6 x 1.9 m

* not available for M12

	D12D-IT MX-D12D-IT-D22D22	D12D-IT-DNight MX-D12D-IT-DNight-D22N22	D12M-Sec MX-D12D-Sec-D22	D12D-Sec MX-D12D-Sec-D22D22	D12D-Sec-DNight MX-D12D-Sec-DNight-D22N22	D12D-Sec-Night MX-D12D-Sec-Night-N22N22
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D12 Hardware Features						
Outdoor weatherproof*	IP65*	IP65*	IP65*	IP65*	IP65*	IP65*
Mono (M) /Dual (D)	D	D-night	M	D	D-night	D
Image sensor	Color	Color/B&W	Color	Color	Color/B&W	B&W
Image size	VGA	VGA	Mega	Mega	Mega	Mega
Resolution horizontal x vertikal	640x480	640x480	1280x960	1280x960	1280x960	1280x960
Max. frame rate CIF/VGA/Mega	25/12/-	25/12/-	25/12/4	25/12/4	25/12/4	25/12/4
Sensitivity at 1/60 second (lux)	1	0.1	1	1	0.1	0.1
Sensitivity at 1 second (lux)	0.05	0.005	0.05	0.05	0.005	0.005
Automatic night lens switch	-	X	-	-	X	-
Standard lens	L22/L22	L22/L22	L22	L22/L22	L22/L22	L22/L22
Storage (MB)	64	64	128	128	128	128
Video ring buffer (MB)	32	32	64	64	64	64
CIF images approx.	2,000	2,000	4,000	4,000	4,000	4,000
VGA images approx.	1,250	1,250	2,500	2,500	2,500	2,500
Mega images approx.	-	-	800	800	800	800
Ethernet, ISDN, USB, RS232	E / I / - / R	E / I / - / R	E / I / - / R	E / I / - / R	E / I / - / R	E / I / - / R
CF slots (MOBOTIX extensions)	-	-	-	-	-	-
Microphone/Speaker	M/S	M/S	M/S	M/S	M/S	M/S
External audio (Line-In/Out)	-	-	-	-	-	-
Signal input	1	1	1	1	1	1
Signal output	1	1	1	1	1	1
Concealed cabling	X	X	X	X	X	X
In stock	yes	yes	yes	yes	yes	yes
Outdoor Wall Mount (accessory)	X	X	X	X	X	X

* Only D12 with Outdoor Wall Mount has protection class IP65




D12 with Outdoor Wall Mount IP65

	L22 Super Wide Angle 90°	L32 Wide Angle	L43 Wide Angle	L65 Tele	L135 Tele
MOBOTIX Lenses					
	approx. 90°H x 67°V at 10 m appr.: 20.0 x 13.3 m	approx. 60°H x 45°V at 10 m appr.: 11.5 x 8.2 m	approx. 45°H x 34°V at 10 m appr.: 8.2 x 6.1 m	approx. 31°H x 23°V at 10 m appr.: 5.5 x 4.0 m	approx. 15°H x 11°V at 10 m appr.: 2.6 x 1.9 m

	M22M-Basic Mix-M22M-Basic-D43	M22M-IT Mix-M22M-IT-D22	M22M-Sec Mix-M22M-Sec-D22	M22M-Sec-Night Mix-M22M-Sec-Night-N22	M22M-Sec-CS Mix-M22M-Sec-CSVario	M22M-Sec-Night-CS Mix-M22M-Sec-Night-CSVario
M22M Hardware Features						IP65
Outdoor weatherproof (IP65)	IP65	IP65	IP65	IP65	IP65	IP65
Mono (M) / Dual (D)	M	M	M	M	M	M
Image Sensor	Color	Color	Color	B/W	Color	B/W
Image size	VGA	VGA	Mega	Mega	Mega	Mega
Resolution horizontal x vertical	640x480	640x480	1280x960	1280x960	1280x960	1280x960
Max. frame rate CIF/VGA/Mega	16/16/-	30/30/-	30/30/10	30/30/10	30/30/10	30/30/10
Sensitivity at 1/60 second (Lux)	1	1	1	0.1	1	0.1
Sensitivity at 1 second (Lux)	0.05	0.05	0.05	0.005	0.05	0.005
Automatic night lens switch	-	-	-	-	-	-
Standard lens	L43	L22	L22	L22	L24-54	L24-54
Storage (MB)	64	64	128	128	128	128
Video ring buffer (MB)	2	32	64	64	64	64
CIF images approx.	100	2,000	4,000	4,000	4,000	4,000
VGA images approx.	50	1,250	2,500	2,500	2,500	2,500
Mega images approx.			800	800	800	800
Ethernet, ISDN, USB, RS232	E / - / U / -	E / - / U / -	E / - / U / -	E / - / U / -	E / - / U / -	E / - / U / -
CF slots (MOBOTIX extensions)	-	2	2	2	2	2
Microphone/Speaker	-/S	M/S	M/S	M/S	M/S	M/S
External audio (Line-In/Out)	-	-	-	-	-	-
Signal Input (only via Cam-IO*)	-	2 x	2 x	2 x	2 x	2 x
Signal Output (only via Cam-IO*)	-	2 x	2 x	2 x	2 x	2 x
Concealed cabling	X	X	X	X	X	X
On stock	Yes (Jul 06)	Yes	Yes	Yes	No	No

* Cam-IO extension box is optional accessory



	Basic Models	Web Models	IT Models	Secure Models
Software Features (All Models)				
Digital zoom (2x, 4x) with panning		X		X
Motion JPEG/MxPEG video streaming	X/X	X/X	X/X	X/X
Custom exposure windows	X	X	X	X
Video Motion detection	X	X	X	X
Time and event control (FTP, email, logos)	X	X	X	X
Time tables with holidays	X	X	X	X
Web functionality (FTP, email)	X	X	X	X
Quad/MultiView in browser	X	X	X	X
Recording/Playback in browser	X	X	X	X
Logo generator, animations		X	X	X
Single image recording (pre-/post-alarm images)	3	3	10	50
Terabyte ring buffer (Win/Lin/Mac) via network			X	X
Continuous video/audio recording, 0.2 to 30 fps			X	X
Video/audio recording (event-triggered)			X	X
Event-controlled frame rate with continuous audio			X	X
Flexible event logic				X
Master/Slave arming by one camera				X
Scheduled privacy zones, several areas				X
Bidirectional audio (IP) from/to browser			X	X
Customized voice messages			X	X
VoIP telephony (Audio/Video, SIP)			X	X
Alarm calls to softphones (SIP) e.g. Xten			X	X
Remote alarm notification (via TCP/IP, IP Notify)			X	X
RS232 Data Logger/Terminal			X	X
Programming interface/HTTP API			X	X
Model Limitations				
Image size	VGA	Mega	VGA	Mega
Image sensor (color / BW)	Color	Color	Color & BW	Color & BW
Standard lens for software version	L43	L43	L43	L43
Audio support (Microphone/Speaker)	-/S	-/S	M/S	M/S