

# M500 Interview Recording System

## Technical specifications

Streamline the interview capture and management process with seamless integration through trusted video and digital evidence management solutions.

The M500 Interview Recording System combines the power of the trusted M500 and Pelco camera systems, so that you can capture every interview.

Learn more about the technical specifications of the hardware included with the M500 Interview Recording System.



Capture



Manage



Livestream



Share



# M500 DVR



## KEY FEATURES

Form factor	Single DIN
Dimensions (H x W x D)	7.0 x 1.9 x 7.7 in (180 x 49 x 171 mm)
Weight	3.1 lb (1.4 kg)
Operating temperature	-22°F to +149°F (-30°C to +65°C)
Mounting option	Universal mount
Recording media (internal)	1 TB automotive-grade solid state drive
Recording media (removable)	128 GB USB Drive
Additional input/outputs	USB, Ethernet, wired microphone (x2), trigger interface (2 AUX inputs)
Max camera capacity	Up to 5 cameras
Resolutions	1920x1080p, 1280x720p, 864x480p
Recording triggers	Rocker switch, AUX triggers (x2)
Storage	Secure internal storage and USB backup drive included
Pre-event	None, 15 sec, 30 sec, 45 sec, 90 sec, 1 min, 2 min, 3 min, 5 min, or 10 min
Redundancy	Record-After-The-Fact (patented, configurable)
Recording capacity	Dependent on recording resolution, frame rate and cameras connected. Video: 1080p@30fps High Quality = 4.5GB per hour per stream, 720p@30fps High Quality = 2.25GB per hour per stream, 480p@30fps High Quality = 1GB per hour per stream, Audio: 23.4MB per hour per stream
Security	FIPS-140-2 compliant encryption

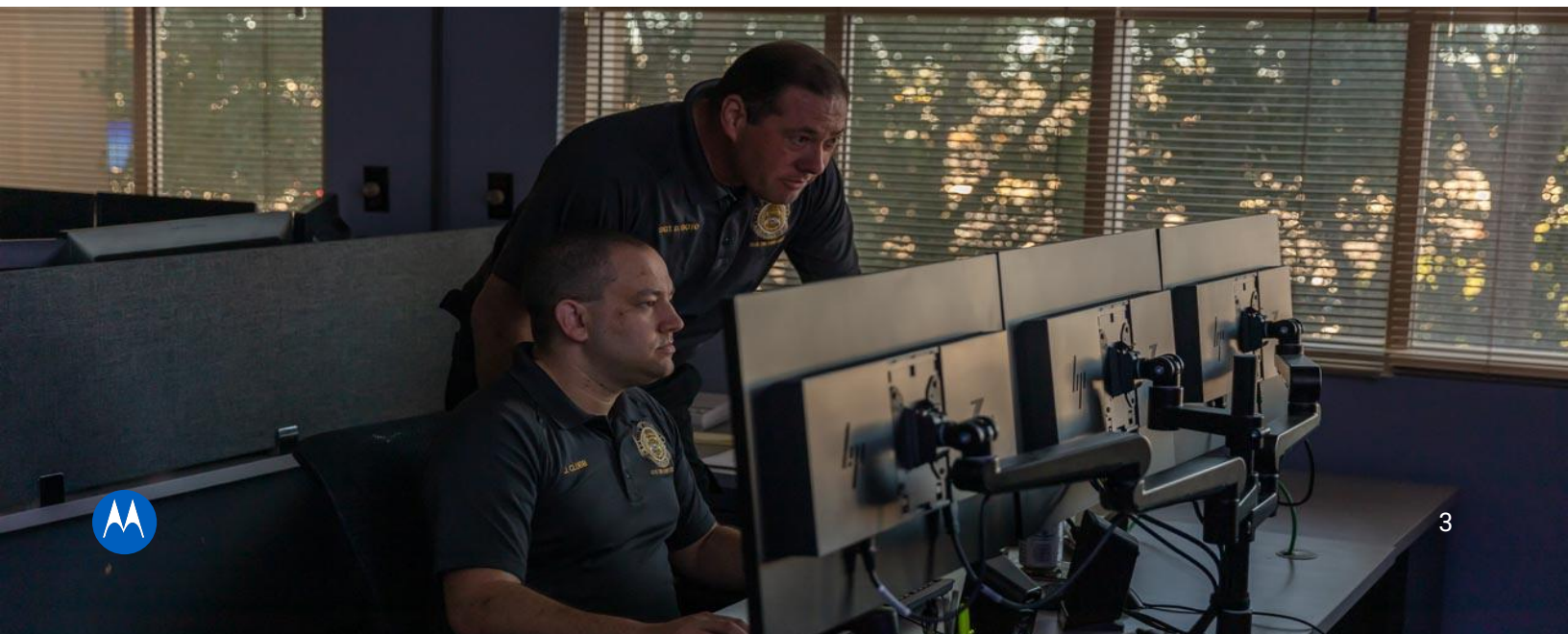


# M500 Display



## KEY FEATURES

Dimensions (H x W x D)	4.3 x 5.7 x 1.4 in (110 x 144 x 36 mm)
Weight	0.7 lb (0.3 kg)
Operating temperature	-22°F to +149°F (-30°C to +65°C)
Connection	Single HD-BNC connection for power and data
Screen size	5" diagonal
Screen resolution	1920x1080
Screen brightness	600 nits
Touch screen technology	Capacitive multi-touch
Dedicated controls	Power, home, record, stop, cameras, display
Mounting	B-size RAM mount
Other	Silicone overmold for secure grip





# M5P Camera

The M5P allows for discreet video recording with its compact form factor and versatile mounting options.



## KEY FEATURES

Dimensions (H x W x D)	4.5 x 1.9 x 1.5 in (113 x 48 x 39 mm)
Weight	5.3 oz (150 g)
Operating temperature	-22°F to +149°F (-30°C to +65°C)
Connection	Single HD-BNC connection for power and data
Resolution	1920x1080
Viewing angle	108° (horizontal)
Low light performance	0 lux (infrared illumination)
Infrared illumination	940nm, not visible
Audio	Integrated MEMs microphone (digital audio over coax)



# M5F Camera

The M5F provides both a focused view and panoramic view that ensures full coverage of your interview room.



## KEY FEATURES

Dimensions (H x W x D), including bracket	1.7 x 1.6 x 2.7 in (43 x 40 x 69 mm)
Weight	2.68 oz (85.4 g)
Operating temperature	-30°C to +65°C (-22°F to +149°F)
Connection	Bayonet-locking HDBNC for power and data
Aspect ratio	Electronic panoramic view (simultaneous wide and cropped streams)
Horizontal Field of View	Wide panoramic stream: 102/119° with/without dewarp. Cropped stream: 51/59.5° with/without dewarp
Low light performance	Below 0.1 lux
Sensor resolution	3840x1920 pixels
Sensor Technology	8MP, BL-CMOS (backlit CMOS)
Sensor Area	1 x 1.7 in



# Pelco Sarix modular camera

Designed for areas with limited space, this camera allows you to flexibly position its placement for covert capture.



KEY FEATURES		
Video compression	H.264 High Profile (4 Concurrent Streams)	
Storage architecture	Dual drive architecture (patents pending)	
Dimensions (L x W x H)	Main Unit Body Only	105 mm x 123 mm x 34 mm; 4.13" x 4.84" x 1.34"
	Micro Bullet Imager Body Only	42 mm x 30 mm diameter; 1.65 " x 1.18 " diameter
	Right Angle Imager Body only	45 mm x 25 mm x 20 mm; 1.77 " x 0.98 " 0.79 "
Weight	Main Unit Body only	1.14 lbs (0.517 kg)
	Micro Bullet Imager Body only	0.09 lbs (0.043 kg)
	Right Angle Imager Body only	0.06 lbs (0.028 kg)



# Pelco Sarix dome camera



This dome camera allows you to capture a wider recording and viewing area.

## KEY FEATURES

Megapixels	2 MP
Image sensor	1/2.8" progressive scan CMOS
Image area (H x W)	.22 in x .12 in (5.57 mm x 3.13 mm)
Aspect ratio	16 x 9
Image compression method	H.264
Streaming	Multi-stream H.264
Flicker control	50 Hz, 60 Hz
Iris control	P-Iris
White balance	Automatic, Manual
Backlight compensation	Adjustable
Privacy zones	Up to 64 zones
Power source	PoE: IEEE 802.3af Class 3 complaint, 12VDC Aux
Power over ethernet (PoE)	10 W max (8 W with no IR or IR disabled)





# Pelco Sarix dome camera

Continued

## KEY FEATURES

Certifications/Approvals	UL, cUL, CE, UKCA, ROHS, RCM, NOM, KC, BIS
Safety	UL/CSA/EN/IEC 62368-1, IEC 62471
Environmental	IEC/EN 62262 Impact (IK 10), IEC 60529 IP52 rating
Electromagnetic Emissions	FCC Part 15 Subpart B (Class B), IC ICES-003 (Class B), EN 55032 (Class B), EN 61000-6-3, EN 61000-3-2, EN 61000-3-3
Electromagnetic Immunity	EN 55035, EN 61000-6-1, EN 50130-4, EN 50121-4
Certifications/Approvals	UL, cUL, CE, UKCA, ROHS, RCM, NOM, KC, BIS

MECHANICAL SPECIFICATIONS	SURFACE MOUNT	IN-CEILING MOUNT	PENDANT MOUNT
Dimensions	D 156 mm × H 116 mm; D 6.1" × H 4.6"	D 174 mm × H 165 mm; D 6.8" × H 6.5"	D 155 mm × H 169 mm; D 6.1" × H 6.7"
Weight	0.81 kg (1.79 lbs)	0.80 kg (1.76 lbs)	1.07 kg (2.36 lbs)
Maximum Ceiling Thickness	N/A	25 mm (1.0")	N/A
Dome/Body/Housing	Polycarbonate		
Finish	Plastic, injection molded, Pantone 427C		
Adjustment Range	360° pan, 30°–95° tilt (recommended), 8°–95° tilt (maximum), ±180° azimuth		





# Louroe omnidirectional microphone



## KEY FEATURES

Audio Streaming	One-way (listen)
Audio Type	Line level
Microphone Type	Electret condenser
Microphone Sensitivity	-45dB
Frequency Response	50Hz to 8kHz
Output	Line Level (0 dB, 1kΩ at 1 KHz)
Current Drain	10 mA
Supply Voltage	12 Vdc
Microphone Housing	High impact ABS
Dimensions	102 mm dia x 38 mm H 4" dia x 1 1/2" H
Weight	3.5 oz (0.1 kg)
Shipping Weight	1 lb (0.45 kg)

## WIRING SPECIFICATIONS

Wire Distance	Up to 400 ft
Wire Type	2 conductor shielded, 22 gauge with 24 gauge drain





Learn more about the M500 Interview Recording System at  
[motorolasolutions.com](https://motorolasolutions.com)



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. [motorolasolutions.com](https://motorolasolutions.com)

Only available in North America.

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