

MicroCAM – M402 FHD PLUS – On-the-move ANPR+MMR

Rooftop single-cable (PoE+) camera

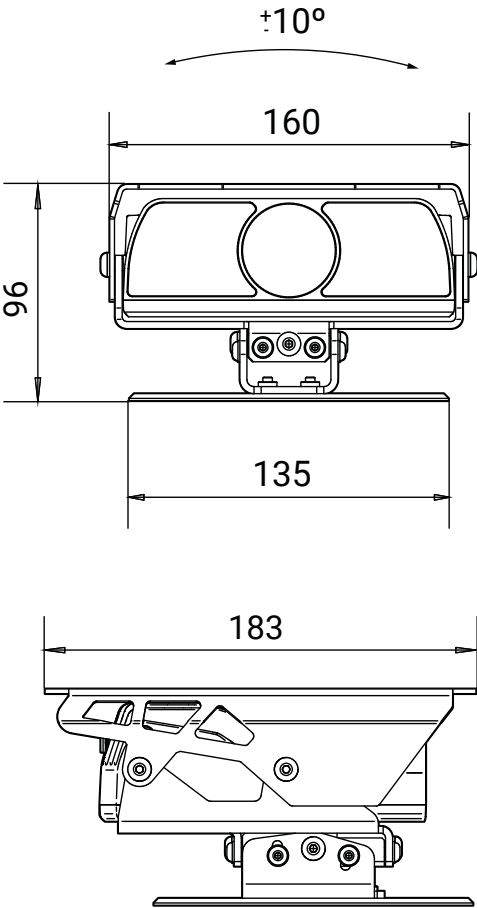
Imaging		M402 FHD PLUS (16 mm)		M402 FHD PLUS WIDE (4.5mm)	
Maximum resolution (HxV pixels): framerate		2048 x 1536: 20fps 1920 x 1080: 30 fps			
Day/night switch		Light sensor, configurable quick auto-switching day/night mode, automatic brightness control			
Lens		Fixed 16 mm		Fixed 4.5 mm	
Distance Range					
Optimal ANPR range at ambient light		8 m – 15 m (26.2 feet – 49.2 feet)		1 m – 4 m (3.3 feet – 13.1 feet)	
Maximal ANPR range at optimal conditions		20 m (65.6 feet)		5 m (16.4 feet)	
Illumination					
Wavelength		850 nm (infrared)			
Illumination modes		Synchronized flash			
Processing & I/O					
CPU for ANPR		ARM Quad Core 64-bit, 4 × 1GHz			
Communication protocols		ONVIF, ARP, TCP/IP, DHCP, NTP, FTP, HTTP, RTSP, HTTPS, SFTP, DNS, SNMP, SSL/TLS, NTCIP			
Electrical Data					
Power requirement		PoE+ (IEEE 802.3at)			
Connectivity		Single cable with RJ45 connector (data and power)			
On-Board Intelligence					
CARMEN® ANPR		Included			
CARMEN® Make and Model, Color Recognition		Optional			
Video analytics		Included			
Trigger sources		Video Analytics / Software trigger (controlled via HTTP or HTTPS request)			
GDS compliant		Yes			
Data storage		32 GB* internal SSD, ~ 50 000 – 100 000 event			
Mechanical Data					
Internal operating temperature		Internal storage: max. 1 TB SSD (available upon request)			
IP rating		-30 °C – +70 °C (-22 °F – +130 °F)*			
IP rating		IP67			
Dimensions (with bracket) L x W x H		183 mm × 160 mm × 96 mm (7.2" × 6.3" × 3.8")			
Weight † (with bracket)		2.0 kg (4.4 lbs)			
In the box		Camera with 5 m cable, bracket, shield.			
Optional Accessories					
Optional accessories		Adapter for stationary use (tripod or wall-mount camera bracket)			
Certificates					
Certificate		CE, FCC Class A			

\*internal temperature / ambient temperature: max. 55 °C (131 °F)

Technical specifications are subject to change without prior notice. This document does not constitute an offer. Custom configurations are available when the above mentioned product does not fulfil project requirements. Please contact our sales team to discuss your project needs and explore tailored solutions. We are happy to help.



On-Board ANPR+MMR, powered by:  
**CARMEN®**



3-year warranty  
Made in EU



www.adaptiverecognition.com

Internal storage: max. 1 TB SSD (available upon request) · On-the-move ANPR · Rooftop camera · License Plate Detection · Single-cable (PoE+) connection · Auto Brightness Control · Carmen®-ready · ONVIF-compliant · New, event faster internal PC for ANPR and MMR

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