V15 – Armored High-Security Dual-Lens Camera

■ **Designed For Monitoring Extreme Environmental Conditions**
Bullet-Resistant High-Grade Steel And Special Glass Lens Cover Are Resitant To Hardest Attacks

■ **Needs-Based Lens Alignment Forwards And Downwards To Avoid Blind Spots**
Intelligent Video Complete System With Multifunctional MOBOTIX Dual Camera Technology

■ **Intelligent 3D Motion Detection**
MxActivitySensor Integrated As Standard

■ **Reduced Energy Costs**
Power Consumption < 7 W, Standard PoE

■ **Virtually Maintainance-Free**
Weatherproof, IP66, -30 – 60°C

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Camera Variants	V15 1x Day	V15 Day & Night	V15 2x Day /2x Night
Specialties	**Built To Order:** The production of the V15 is based on confirmed orders only, lead time up to three months. In case of the V15 with two image sensors, both lenses can be mounted in parallel next to each other at the top, or alternatively at the top and at the bottom (indicate when ordering).		

Lenses, Sensors (Integrated Into Sensor Modules)	V15 1x Day	V15 Day & Night	V15 2x Day /2x Night
6MP Moonlight sensor, with Super Wide Lens B041 (90° x 67°)	**MX-V15M-Sec-D22-6MP-F1.8**	**MX-V15D-Sec-DNight-D22N22-6MP-F1.8**	**MX-V15D-Sec-D22D22-6MP-F1.8** **MX-V15D-Sec-Night-N22N22-6MP-F1.8**
6MP Moonlight sensor, with Standard Lens B079 (45° x 34°)	**MX-V15M-Sec-D43-6MP-F1.8**	**MX-V15D-Sec-DNight-D43N43-6MP-F1.8**	**MX-V15D-Sec-D43D43-6MP-F1.8** **MX-V15D-Sec-Night-N43N43-6MP-F1.8**

Hardware	V15 1x Day	V15 Day & Night	V15 2x Day /2x Night
Image sensor with individual exposure zones	Color	Black and White (B/W)	Color & B/W
Light sensitivity in lux at 1/60 s and 1/1 s	0.1/0.005	0.1/0.005 (Color) 0.02/0.001 (B/W)	
Image sensor (color or B/W sensor)	1/1.8" CMOS, 6MP (3072 x 2048), Progressive Scan		
Microprocessor	PXA320 XScale Single Core		
H.264 Hardware Codec	No		
Protection classes	IP66 andd IK10++		
Intended use	Not for use in hazardous areas (Ex area); corner mounting		
Ambient temperature (range)	-30 to 60°C/-22 to 140°F		
Internal DVR, ex works	4 GB (microSD)		
Microphone/speaker	Yes/Yes		
16bit/16kHz HD wideband audio (Opus codec)	Yes (live and audio messages)		
Passive infrared sensor (PIR)	No		
Temperature sensor	Yes		
Shock detector (tamper detection)	Yes		
Power consumption (typical)	< 7 watts		
PoE Class (IEEE 802.3af)	Class 2 or 3 (variable), factory setting: class 3		
Interfaces Ethernet 100BaseT/MxBus/USB	Yes (MxRJ45 and LSA+ rail)/Yes/Yes		
Interface RS232	With accessory (MX-232-IO-Box)		
Mounting options	Corner mounting only		
Dimensions (height x width x depth)	196 x 260 x 180 mm		
Weight	4.680 g		
Housing	Stainless high-grade steel, thickness 3 to 5 mm, color: unpainted/gray		
Standard accessory	Security screws with bit, 2 allen wrenches, module key, 0.5 m ethernet patch cable, QuickInstall		
Detailed technical documentation	www.mobotix.com > Support > Manuals		
Online version of this document	www.mobotix.com > Support > Spec Sheets		
MTBF	> 80,000 hours		
Certifications	www.mobotix.com > Support > MxMediaLibrary > Certificates		

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Hardware	V15 1x Day	V15 Day & Night	V15 2x Day /2x Night
Protocols	IPv4, IPv6, HTTP, HTTPS, FTP, RTP, UDP, SNMP, SMTP, DHCP (client and server), NTP (client and server), SIP (client and server) G.711 (PCMA and PCMU) and G.722		

Image Formats, Frame Rates, Image Storage	V15 1x Day	V15 Day & Night	V15 2x Day /2x Night
Available video codecs	MxPEG, MJPEG		
Image formats	Freely configurable format 4:3, 8:3, 16:9 or customized format (Image Cropping), such as 2592x1944 (5MP), 2048x1536 (QXGA), 1920x1080 (Full-HD), 1280x960 (MEGA)		
Max. image format (dual image from both sensors)	2x 6MP (6144 x 2048)		
Max. frame rate (fps)	**MxPEG:** 30@HD(1280x720), 30@Mega, 20@QXGA, 10@5MP, 8@6MP, 4@2x 6MP **MJPEG:** 20@HD(1280x720), 15@Mega, 8@QXGA, 5@5MP, 4@6MP, 2@2x 6MP		
Number of images with 4 GB microSD (internal DVR)	CIF: 250,000, VGA: 125,000, HD: 40,000, QXGA: 20,000, 6MP: 10,000		

General Functions	V15 1x Day	V15 Day & Night	V15 2x Day /2x Night
Digital zoom and pan		Yes	
ONVIF compatibility		Np	
Genetec protocol integration		Yes	
Programmable exposure zones		Yes	
Snapshot recording (pre/post-alarm images)		Yes	
Continuous recording with audio		Yes	
Event recording with audio		Yes	
Time controlled flexible event logic		Yes	
Weekly schedules for recordings and actions		Yes	
Event video and image transfer via FTP and email		Yes	
Playback and QuadView via web browser		Yes	
Bidirectional audio in browser		Yes	
Animated logos on the image		Yes	
Master/Slave functionality		Yes	
Privacy zone scheduling		Yes	
Customized voice messages		Yes	
VoIP telephony (audio/video, alert)		Yes	
Remote alarm notification (network message)		Yes	
Programming interface (HTTP-API)		Yes	
DVR/Storage Management	Inside camera via microSD card, externally via USB device and NAS, different streams for live image and recording, MxFFS with archive function, pre-alarm an post-alarm images, monitoring recording with failure reporting		
Camera and data security	User and group management, SSL connections, IP-based access control, IEEE802.1x, intrusion detection, digital image signature		
MxMessageSystem: Sending and receiving of MxMessages		Yes	

Video Analysis	V15 1x Day	V15 Day & Night	V15 2x Day /2x Night
Video motion detector		Yes	
MxActivitySensor		Yes	

Video Management Software	V15 1x Day	V15 Day & Night	V15 2x Day /2x Night
MxManagementCenter		Yes	

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Video Management Software	V15 1x Day	V15 Day & Night	V15 2x Day /2x Night
Mobile MOBOTIX App		Yes	

View from front

261 mm/10.3 in

196 mm/7.7 in

View from top

220 mm/8.7 in

180 mm/7.9 in

261 mm/10.3 in

123

12

46

21,50

119,50

Ø 13
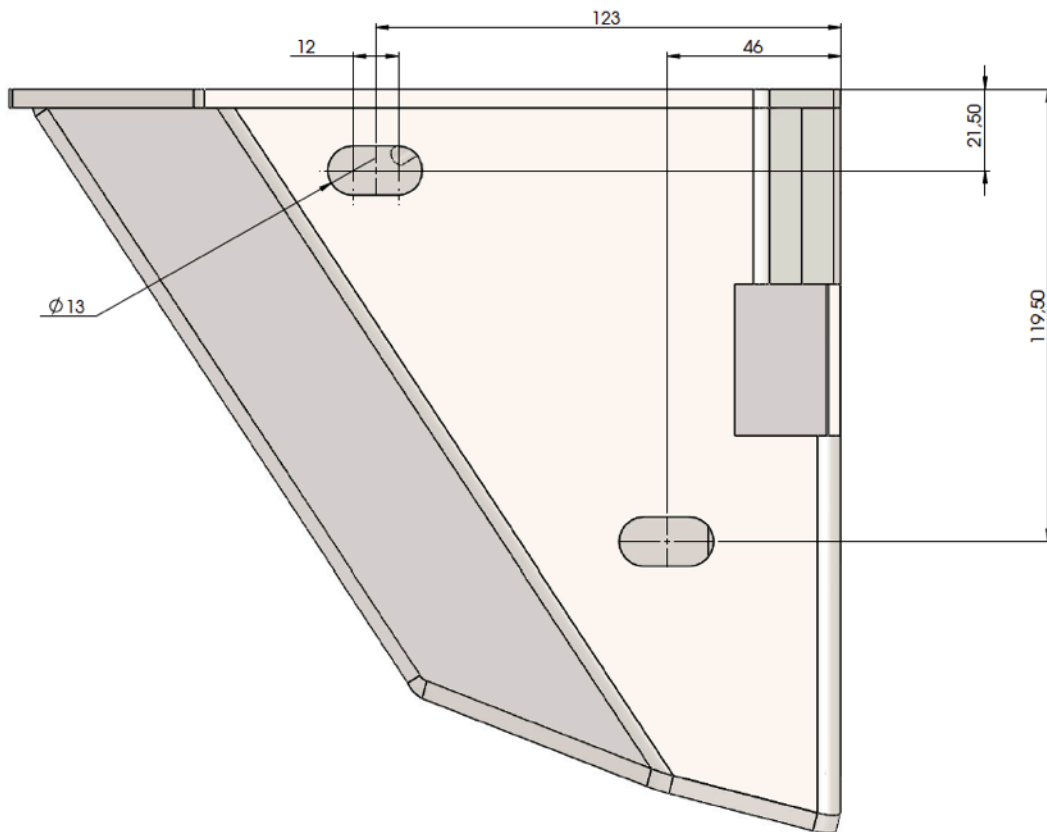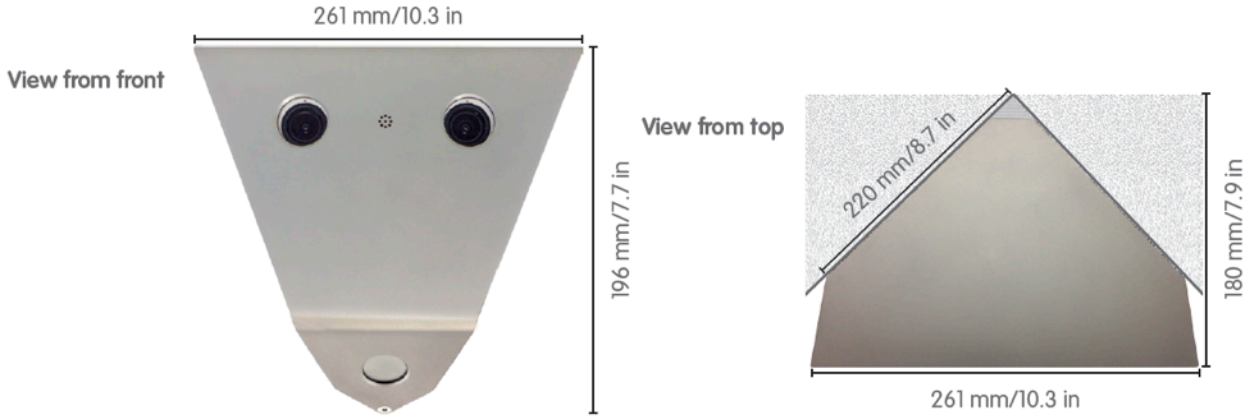
Mounting holes: dimensions in mm

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