

MOBOTIX V15 2x 6MP Vandalism Camera



Technical specifications subject to change without notice

High-Security Dual-Lens Camera.

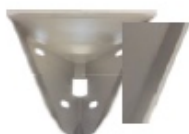
Constructed from 5 mm/0.2 in. stainless steel, the V15 is a bullet-resistant corner-mounted IP dual-lens camera designed for monitoring potentially volatile conditions. Made for high-security locations such as military sites, prisons and embassies or extreme environmental conditions.

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With S15 Technology

Hidden inside the V15 is an S15 core unit and two sensor modules, so of course it includes the range of features and lens options available within the S15 (except Hemispheric). Includes 2-way audio thanks to integrated microphone and speaker.



Armor-Plating

The outer housing is designed for corner-mounting and is constructed from 5 mm stainless steel plating that will deflect bullets fired from a handgun.



Versatile Installation

The V15 comes in two models. One has a parallel alignment of two sensor modules for perfect same-view day and night video capture. The other model includes one lens facing forward, the second lens facing down to avoid blind spots.

Technical Data			
Lens Options	Sensor modules B036 to B237	Min. Light Sensitivity	Day Sensor: 0.1 lux at 1/60 sec Night Sensor: 0.02 lux at 1/60 sec
Image Sensors	1/1.8" CMOS (6MP) Day (Color) or Night (B&W)	Sensor Resolution	6MP: 3072x2048 pixels (Color/B&W)
Max. Frame Rate (MxPEG)	MEGA/HD: 30 fps, QXGA: 15 fps, 6MP: 8 fps, 2x 6MP: 4 fps	Compression	MxPEG, M-JPEG, JPEG, H.264 (SIP video only)
DVR Recording	Internal: microSD Card External: PC/NAS	Audio	Integrated microphone & speaker, VoIP, intercom, sound recording
Operating Conditions	IP65, bullet-proof, IK10++, -30 to +60 °C	Internal Sensors	Temperature, microphone illumination, shock detector
Image Processing	MxActivitySensor, VMD, image correction, backlight	Software (free of charge)	MxManagementCenter, MOBOTIX App
Lens Protection	3 mm special glas	Housing	5 mm stainless steel

V15 – Bullet-Resistant For High-Risk Installations

The V15 is the most sturdy MOBOTIX camera to-date. Specifically designed for high-risk areas, it offers unmatched protection against attacks. Nonetheless, it's still a camera with MOBOTIX technology and the full array of possibilities to connect external sensors and actuators.



V15 – Technical Specifications

Security-Vision-Systems



Camera Variants	V15 Day	V15 Night	V15 DNight (Day & Night)
Specialties	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 (please indicate on order form).		
Lenses, Sensors Of Pre-Installed V15 Models			
V15 with one or two Super Wide lenses B041 (90° x 67°), integrated into the 6MP sensor module	MX-V15M-Sec-D22-6MP-F1.8 MX-V15D-Sec-D22D22-6MP-F1.8	MX-V15D-Sec-Night-N22N22-6MP-F1.8	MX-V15D-Sec-DNight-D22N22-6MP-F1.8
V15 with one or two Standard lenses B079 (45° x 34°), integrated into the 6MP sensor module	MX-V15M-Sec-D43-6MP-F1.8 MX-V15D-Sec-D43D43-6MP-F1.8	MX-V15D-Sec-Night-N43N43-6MP-F1.8	MX-V15D-Sec-DNight-D43N43-6MP-F1.8
Image sensor with individual exposure zones	Color	B/W	Color + B/W
Sensor sensitivity in lux at 1/60 s /1 s	0,1/0,005	0,02/0,001	0,1/0,005 (color) 0,02/0,001 (B/W)
Image sensor resolution (color or B/W sensor)	6MP (3072 x 2048)		

Hardware Functions			
Protection class V15	IP65 and IK10++		
Ambient temperature (range)	-30 to 60°C/-22 to 140°F		
Temporary internal DVR	64 MB		
Internal DVR, ex works	4 GB (microSD)		
Microphone/speaker	•/•		
Passive infrared sensor (PIR)	–		
Camera optics with Long-Pass Filter (LPF)	–	• (optional on request)	• (optional on request)
Integrated temperature sensor	•		
Shock detector	•		
Power consumption (typical)	< 7 watts		
Variable PoE class (factory default: 3)	2 or 3		
Interfaces Ethernet/MxBus/USB	•/•/•		
Interfaces IO and RS232	With accessory (e.g. MX-232-IO-Box)		

Image Formats, Frame Rates, Image Storage			
Maximum image format (dual image from both sensors)	2x 6MP (6144 x 2048)		
Maximum frame rate (MxPEG, max. resolution)	8 fps (6MP), 4 fps (2x 6MP)		
CIF images with 4 GB MicroSD DVR	250,000		
VGA images with 4 GB MicroSD DVR	125,000		
HD images with 4 GB MicroSD DVR	40,000		
QXGA images with 4 GB MicroSD DVR	20,000		



V15 – Technical Specifications

Security-Vision-Systems

MOBOTIX

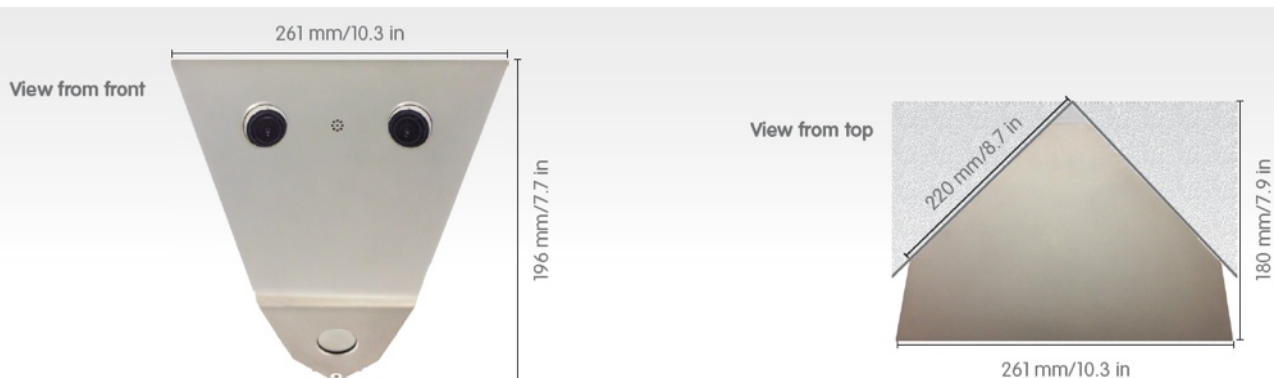
Camera Variants	V15 Day	V15 Night	V15 DNight (Day & Night)
General Functions			
Digital zoom (continuous) with panning	•	•	•
Codecs: Motion-JPEG/MxPEG/H.264 for SIP	•/•/•	•/•/•	•/•/•
Programmable exposure zones	•	•	•
Snapshot recording (pre/post-alarm images)	50	50	50
Terabyte ring buffer storage (internal/network)	•	•	•
Continuous recording with sound (0.2 to 30 fps)	•	•	•
Event recording with sound	•	•	•
Time and event control/flexible event logic	•/•	•/•	•/•
Weekly schedules/holidays	•	•	•
Web functionality (FTP, email)	•	•	•
Playback/QuadView and MultiView	•/•	•/•	•/•
Bidirectional sound in browser	•	•	•
Logo generator, animated	•	•	•
Master/Slave arming	•	•	•
Several scheduled privacy zones	•	•	•
Customized voice messages	•	•	•
VoIP telephony (audio/video, alert)	•	•	•
Remote alarm notification (network message)	•	•	•
Signal inputs/outputs and RS232 via MxBus module	•	•	•
Security Features (HTTPS/S, IP-based access control, IEEE 802.1X network authentication)	•	•	•
Security Features (HTTPS/S, IP-basierte Zugriffsbeschränkung, Netzwerk-Authentifizierung IEEE 802.1X)	•	•	•
Video Analysis			
Video motion detector	•	•	•
MxAnalytics	–	–	–
MxActivitySensor	•	•	•
Video Management Software			
MxManagementCenter/MxControlCenter/MxEasy	•	•	•
MOBOTIX App (iOS)	•	•	•

- available ex works
- not available

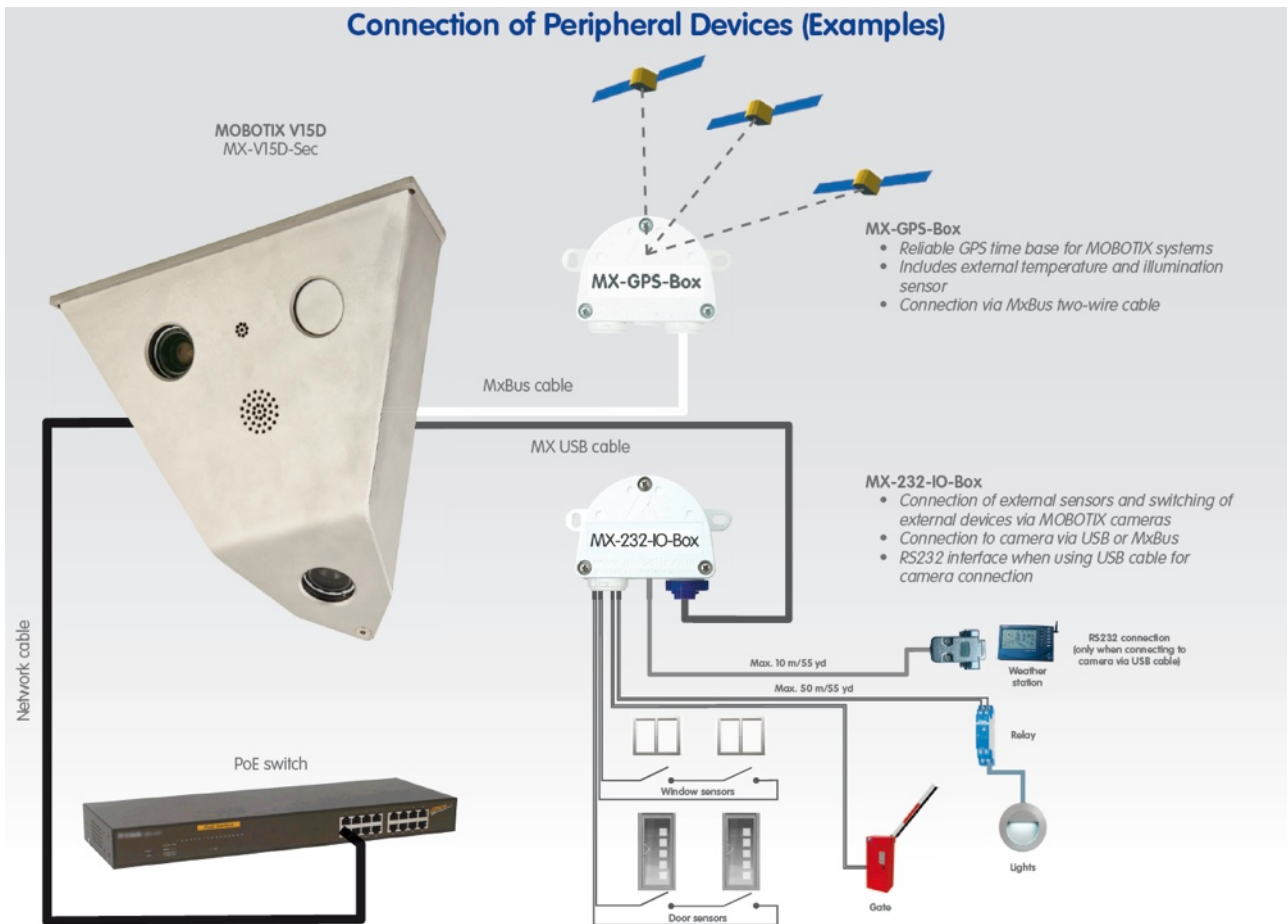
Delivered Parts V15



Item	Count	Part Name
1.1	1	Camera casing 3 mm stainless steel, top 5 mm stainless steel
1.2	1	Front plate 5 mm stainless steel (installed)
1.3	1	S15D (modified) with 2 sensor modules (any combination (day/night) of the lenses L25, L38, L51, L76 and L160) installed on front plate
1.4	2	Security screw stainless steel M5x12 (one installed, one supplied additionally)
1.5	1	MicroSD card 4 GB (installed in S15D)
1.6	1	Ethernet patch cable, 50 cm/19.7 in with sealings (installed)
Mounting Supplies		
M.1	1	Allen wrench 2 mm
M.2	1	Screwdriver bit for security screw M5x12
M.3	1	Multifunctional tool (lens, dome, filter insets)
M.4	1	Module key (for focusing the lenses)
Documentation		
D.1	1	S15D Camera Manual
D.2	1	V15D Drilling Template
D.3	1	V15D Quick Install (this document)



(Excerpts from the technical documentation: www.mobotix.com > Support > Manuals)



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