

MOBOTIX D15

2x 6MP DualDome Camera



Technical specifications subject to change without notice

Versatile. Twice As Vigilant.

The D15 is a dual-lens dome camera with two lens modules providing a wide range of fully adjustable viewing options. The D15 180° model delivers a super-wide panorama view in super-high resolution.

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Adjustable Lenses

Versatile Installation

Choose from various lens units, all fully adjustable in any direction within the camera. This flexibility, combined with the dual-lens system, provides practically unlimited viewing options from one camera.



180°

Panoramic View

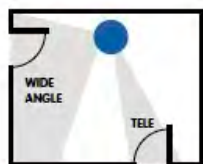
The D15 180° model captures a super-wide view, with a combined maximum recording resolution of 12 megapixels. The fixed lenses can be manually adjusted up/down, swivelled left/right for viewing adjustment.



Fixed Lenses

Day & Night Capture

The D15-Sec-DNight-Fix includes a locked-lens system with parallel alignment of two lens units for perfect same-view day and night video capture.



Two Cameras In One

Dual-lens system captures two different views simultaneously and requires only a single PoE cable connection.

Technical Data

Lens Options	B036 to B237 (L20 to L135), 180° version (panorama), DNight-FIX version with parallel Day/ Night lenses	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: 3072×2048 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 (to 4 TB)	Audio	Integrated microphone & speaker, VoIP, intercom, sound recording
Operating Conditions	IP54/65 (without/with wall mount), IK10, IP66/IK10+ (with Vandalism Kit), -30 to +60 °C	Internal Sensors	Temperature, PIR, microphone illumination, shock detector
Image Processing	MxActivitySensor, VMD, image correction, backlight	Software (free of charge)	MxManagementCenter, MOBOTIX App



D15 – Technical Specifications

Security-Vision-Systems

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Camera Variants	D15 Day	D15 Night	D15 180° Day	D15 180° Night	D15 DNight-Fix
Specialties	Modular system: D15 Body MX-D15Di-Sec with 1 or 2 lens units of choice (self-assembly)		Complete Sets: D15 models with factory-fitted lens units		
Lenses, Sensors					
Lens unit with Ultra Wide Lens B036 (103° x 77°), night version optionally with long-pass filter (LPF)	MX-D15-Module-D20-6MP-F1.8	MX-D15-Module-N20-(LPF)-6MP-F1.8	–	–	MX-D15Di-Sec-DNight-D20N20-FIX-6MP-F1.8
Lens unit with Super Wide Lens B041 (90° x 67°), night version optionally with long-pass filter (LPF)	MX-D15-Module-D22-6MP-F1.8	MX-D15-Module-N22-(LPF)-6MP-F1.8	MX-D15Di-Sec-180-6MP-F1.8	MX-D15Di-Sec-Night-180-6MP-F1.8	MX-D15Di-Sec-DNight-D22N22-FIX-6MP-F1.8
Lens unit with Wide Lens B061 (60° x 45°), night version optionally with long-pass filter (LPF)	MX-D15-Module-D32-6MP-F1.8	MX-D15-Module-N32-(LPF)-6MP-F1.8	–	–	MX-D15Di-Sec-DNight-D32N32-FIX-6MP-F1.8
Lens unit with Standard Lens B079 (45° x 34°), night version optionally with long-pass filter (LPF)	MX-D15-Module-D43-6MP-F1.8	MX-D15-Module-N43-(LPF)-6MP-F1.8	–	–	MX-D15Di-Sec-DNight-D43N43-FIX-6MP-F1.8
Lens unit with Tele Lens B119 (31° x 23°), night version optionally with long-pass filter (LPF)	MX-D15-Module-D65-6MP-F1.8	MX-D15-Module-N65-(LPF)-6MP-F1.8	–	–	MX-D15Di-Sec-DNight-D65N65-FIX-6MP-F1.8
Lens unit with Distant Tele Lens B237 (15° x 11°), night version optionally with long-pass filter (LPF)	MX-D15-Module-D135-6MP-F1.8	MX-D15-Module-N135-(LPF)-6MP-F1.8	–	–	MX-D15Di-Sec-DNight-D135N135-FIX-6MP-F1.8
Image sensor with individual exposure zones	Color	B/W	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	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 with no accessories/Outdoor Wall Mount/Vandalism Set	IP54/IP65/IP66 and IK10/IK10/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)	–	–	–
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 (MX-232-IO-Box)				

Image Formats, Frame Rates, Image Storage					
Maximum image format (dual image from both sensors)	2x 6MP (6144 x 2048) 2x 6MP				
Maximum frame rate (MxPEG, max. resolution)	8 fps (6MP), 4 fps (2x 6MP)		4 fps (2x 6MP)		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				