



One Camera. Dual HiRes.


Two lenses, two HiRes image sensors with 5 megapixels each, up to 64 GB internal storage and a dual image of up to 6 megapixels make the D15D DualDome an efficient security solution: You can secure two different areas with just one camera, for example. All without vulnerable mechanical components!

- Individually configurable lens: Telephoto/wide-angle lens, day/night, panorama function
- Integrated DVR (up to 64 GB) stores up to 520,000 HiRes images (6-day capacity when recording 1 frame/sec.)
- Simple installation using a single network cable (data and power/PoE)
- Digital continuous pan, tilt and zoom function (virtual PTZ function)
- Premium sound and image quality thanks to echo cancellation and 5MP sensor technology
- Optimized interfaces: MxBus and MiniUSB (e.g., for UMTS and GPS)
- Sturdy, low-maintenance and weatherproof from -30 to +60 °C (-22 to +140 °F) (IP65 with wall-mount)
- Microphone, speaker and intelligent movement sensors (MxActivitySensor)





D15D – Fixed Dome With Two Lenses


Two lenses, two HiRes image sensors, up to 64 GB internal storage and a dual image of a maximum of 6 megapixels make the D15D DualDome an efficient security solution: It is possible to secure two different areas using just one camera. All without vulnerable mechanical components.


Camera Housing	
	Standard housing <ul style="list-style-type: none"> DualDome with two image sensors that can be positioned independently of one another Capture large spaces and details at the same time

Accessories	
	Vandalism set <ul style="list-style-type: none"> Reinforced dome (3 mm polycarbonate) Stainless steel anti-vandalism ring (polished, matt or powder-coated in white, silver-gray or black)

	Wall mount <ul style="list-style-type: none"> Weather protection (IP65) for D15-DualDome Covers RJ45 in-wall sockets and functional boxes Space for expansion modules (Wi-Fi)
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	Corner and pole mount <ul style="list-style-type: none"> 3 mm powder-coated stainless steel 2 stainless steel straps for pole diameters from 6 to 18 cm, incl. mounting parts
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	PoE injector <ul style="list-style-type: none"> Power supply via power grid and battery (12 to 42 V) For direct PC connection without a switch thanks to integrated crossover function
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	MX-232-IO-Box <ul style="list-style-type: none"> For connecting external sensors Switching external devices (e.g., gate, light, etc.) RS232 interface for the camera
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D15D In Use	
	
Mounted to the corner of a building, this D15D captures two separate entry zones.	

Technical Data	
Model versions	IT, Sec, Sec-Pano, Sec-DNight
Lens options	25 to 160 mm small image, horizontal viewing angle 82° to 13°, pano. version with 164°, LPF versions
Sensitivity	Color sensor: 0.25 lux at 1/60 s, 0.013 lux at 1 s B/W sensor: 0.05 lux at 1/60 s, 0.0025 lux at 1 s MxLEO – Lowlight Exposure Optimization
Image sensors	1/2.5" CMOS, 5 megapixels, progressive scan
Max. image size (per sensor)	Color: 2048 x 1536 (QXGA), B/W: 2048 x 1536 (QXGA)
Image formats (per sensor)	2048 x 1536, 1280 x 960, 1024 x 768, 800 x 600, 768 x 576 (D1), 704 x 576 (TV-PAL), 640 x 480, 384 x 288, 352 x 288, 320 x 240, 160 x 120; free image format selection (e.g. 1000 x 200 for skyline)
Max. frame rate, M-JPEG (live/recording)	VGA: 30 fps, MEGA/HD: 10 fps, QXGA: 4 fps, 6MEGA: 2 fps
Max. video rate MxPEG (live/recording/sound)	VGA: 30 fps, MEGA/HD: 30 fps, QXGA: 20 fps, 6MEGA: 8 fps
Image compression	MxPEG, M-JPEG, JPEG, H.264 (SIP video only)
Internal DVR	MicroSD Slot (recording inside the camera, up to 64 GB; 4-GB card preinstalled)
External storage	Directly on NAS and computer/server without additional recording software
Software (free of charge)	MxEasy video management software, MxControlCenter control center software, MOBOTIX App for iOS devices iOS 5.0 and higher
Image processing	Backlight compensation, automatic white balance, image distortion correction (including panorama image correction), motion detection, MxActivitySensor
Virtual PTZ (vPTZ)	Digital pan/tilt/zoom, continuous 8 x zoom, full image recording in the background
Alarm/events	Triggering of events by integrated multiple-window motion detection, external signals, temperature sensor, PIR, notification via e-mail, FTP, IP telephony (VoIP, SIP), signal output, visual/acoustic alarms, pre- and post-alarm images
Audio	Integrated microphone and speaker, line-in/line-out, lip-synchronous audio, intercom, sound recording
Interfaces	Ethernet 10/100, IPv4/IPv6, MiniUSB, MxBus, IO and RS232 via MX-232-IO-Box (accessory)
Video telephony	VoIP/SIP, intercom, remote controlling with key code, event notification
Security	User/group management, HTTPS/SSL, IP address filter, IEEE 802.1x, intrusion detection, digital image signature
Certifications	EMC (EN55022, EN55024, EN61000-6-2, FCC part 15B, AS/NZS3548)
Power supply	Power over Ethernet (PoE in accordance with IEEE802.3af): PoE class variable (2/3) depending on operating mode; power consumption: typ. 5 watts
Operating conditions	IP65 (with wall mount) / IP54 (without wall mount), -30 to +60 °C/-22 to +140 °F
Dimensions	diam. x H: 20.1 x 11 cm
Weight	about 650 g

D15D – Individual Lens Configuration

The standard models of the D15D stand out in particular as they allow the two image sensors and lenses to be combined as required. A lens can be delivered for every day or night sensor with a horizontal image angle of 13°, 27°, 39°, 54° or 82° as desired.