

Technical Specifications

MOBOTIX D16 DualDome



Camera Variants	D16 For Self-Assembly Day Or Night	D16 180° Panorama Day Or Night	D16 Day & Night
Specialties	Modular system: D16 Body Mx-D16A with 1 or 2 sensor modules of choice, all components available separately for self-assembly	Complete sets (not available for the Americas) Special D16 systems with two factory-assembled sensor modules (all components also available separately for self-assembly)	
Lenses, Sensors (Integrated Into Sensor Modules)	D16 For Self-Assembly Day Or Night	D16 180° Panorama Day Or Night	D16 Day & Night
Sensor module with Ultra Wide Lens B036 (103° x 77°), night version optionally with LPF	Day: Mx-O-SDA-S-6D036 Night: Mx-O-SDA-S-6N036 LPF: Mx-O-SDA-S-6L036	Not available	Mx-D16A-F-6D6N036 or self-assembly
Sensor module with Super Wide Lens B041 (90° x 67°), night version optionally with LPF	Day: Mx-O-SDA-S-6D041 Night: Mx-O-SDA-S-6N041 LPF: Mx-O-SDA-S-6L041	Day: Mx-D16A-P-6D6D041 Night: Mx-D16A-P-6N6N041 or self-assembly	Mx-D16A-F-6D6N041 or self-assembly
Sensor module with Wide Lens B061 (60° x 45°), night version optionally with LPF	Day: Mx-O-SDA-S-6D061 Night: Mx-O-SDA-S-6N061 LPF: Mx-O-SDA-S-6L061	Not available	Mx-D16A-F-6D6N061 or self-assembly
Sensor module with Standard Lens B079 (45° x 34°), night version optionally with LPF	Day: Mx-O-SDA-S-6D079 Night: Mx-O-SDA-S-6N079 LPF: Mx-O-SDA-S-6L079	Not available	Mx-D16A-F-6D6N079 or self-assembly
Sensor module with Tele Lens B119 (31° x 23°), night version optionally with LPF	Day: Mx-O-SDA-S-6D119 Night: Mx-O-SDA-S-6N119 LPF: Mx-O-SDA-S-6L119	Not available	Mx-D16A-F-6D6N119 or self-assembly
Sensor module with Distant Tele Lens B237 (15° x 11°), night version optionally with LPF	Day: Mx-O-SDA-S-6D237 Night: Mx-O-SDA-S-6N237 LPF: Mx-O-SDA-S-6L237	Not available	Mx-D16A-F-6D6N237 or self-assembly
Hardware	D16 For Self-Assembly Day Or Night	D16 180° Panorama Day Or Night	D16 Day & Night
Image sensor with individual exposure zones	Color or Black & White (B/W)	Color or B/W	Color & B/W
Light sensitivity in lux at 1/60 s and 1/1 s	0.1/0.005 (Color) 0.02/0.001 (B/W)	0.1/0.005 (Color) 0.02/0.001 (B/W)	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	i.MX 6 Dual Core incl. GPU (1 GB RAM, 512 MB Flash)		
H.264 Hardware Codec	Yes, bandwidth limitation available; output image format up to QXGA		
Protection classes: no accessories/with Outdoor Wall Mount/with Vandalism Set	IP54 and IK10/IP65 and IK10/IP66 and IK10+		
Intended use	Not for use in hazardous areas (Ex area)		
Ambient temperature (range, incl. storage)	-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)	Yes		
Temperature sensor	Yes		
Shock detector (tamper detection)	Yes (with future software update)		
Power consumption	< 7 watts		
PoE Class (IEEE 802.3af)	Class 2 or 3 (variable), factory setting: class 3		
Interfaces Ethernet 100BaseT/MxBus/USB	Yes (MxRJ45)/No/Yes		
Interface RS232	With accessory (MX-232-IO-Box)		