MOBOTIX M16 AND S16 THERMAL CAMERAS

M16 Mandatory Items

M16B-Thermographic Camera
Part Number MX-M16TB-R079
The M16B camera allows two image sensors to be integrated into a common housing. The M16B consists of a shock and weather resistant housing with VarioFlex mount (ceiling or wall) and a front element that holds the factory-installed thermal image sensor and an *optional* optical sensor module (P/N MX-O-SMA-S-6D079). Video storage is defaulted to the onboard 4GB Micro SD card or can be configured to an external NVR.

S16 Mandatory Items

S16B Camera Module (body) for S16B Sensor Module
Part Number MX-S16B
The S16B camera module is designed to be discreetly mounted behind walls or ceilings with only the connected sensor modules visible in the room. The module provides a connection point for up to two S16 sensor modules (ordered separately). Video storage is defaulted to the onboard 4GB Micro SD card or can be configured to an external NVR.

PTMount-Thermal TR Camera for S16B Camera Module, White
Part Number MX-O-SMA-TP-R079
Calibrated thermal sensor for temperature events from -40 to 550®C (-40 to 1022®F). Horizontal/vertical image angle 25®/19®, for a total 45º angle. Camera connects to S16B module via a MOBOTIX sensor cable (2 m/6.6 ft, included), part number **MX-FLEX-OPT-CBL-2**.

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The following are optional components that can be added to or used with the S16B or M16 modules:

ExtIO Extension Module, Wall Mount, used with the M16 or S16 housings
Part Number MX-EXTIO
Optional module that connects to the M16 or S16 via a network connection (recommended for M16), RJ45 ethernet cable (recommended for S16), or a miniUSB cable. The module contains a powerful speaker, microphone, infrared motion sensor, ambient temperature sensor, two input and two output contacts and two illuminated keys. The output contacts can be used to initiate auxiliary control functions or to provide indication of camera status to a monitoring system.

On-Wall Mounting Set for ExtIO Module, used with the M16 or S16 housings
Part Number MX-OPT-AP-10DEG
Optional mounting bracket that can be used in conjunction with the ExtIO Extension Module to wall mount the module at a 10® tilt angle.

Sensor Module 6MP, Day, White, used with the M16 or S16 housings
Part Number MX-O-SMA-S-6D079
Optional optical sensor module that can be attached to the S16B camera module. The sensor module adds standard optical video to the S16 system. The sensor module provides a 45® image angle.

PTMount-Dome Mount, Ceiling or Wall, White, used with the S16 housing only
Part Number MX-PTMOUNT-OPT-PW
Optional dome mount for mounting the MX-0-SMA-S-6D079 sensor module (ordered separately). Features three axes that allow the dome to be manually adjusted to compensate for sideway tilt and to re-align the image horizon horizontally when mounted to wall.

Sensor Cable for S16B Module, used with the S16 housing only
Part Number MX-FLEX-OPT-CBL-3
Optional sensor cable, length 3 m/9.8 ft for connecting MX-O-SMA-S-6D079 sensor modules to the S16 camera module. Not compatible with PTMount Thermal.

MX-232-IO-Box, used with the M16 or S16 housings
Part Number MX-OPT-RS1-EXT
Optional module that can be connected as an add-on to all MOBOTIX cameras with an MxBus or USB interface. Module provides 2 self-powered inputs for connecting sensors, 1 power output, 1 isolated relay output, RS232 (serial) interface when using a MOBOTIX USB cable to connect to a camera. This device is not recommended for usage with the M16 due to wiring difficulties.

232-IO-Box Cable, used with the M16 or S16 housings
Part Number MX-CBL-MU-STR-05
Optional miniUSB straight > miniUSB straight, 0.5 m/1.6 ft long for connection of MX-232-IO-Box to S16 camera module.

Network Connector with Surge Protection, RJ45 Version, used with the M16 or S16 housings
Part Number MX-OVERVOLTAGE-PROTECTION-BOX-RJ45
Optional weatherproof network connector (protection class IP65, -30 to 60®C/-22 to 140®F) with surge protection of up to 4 kV. This enables the M16 or S16 unit to avoid damage caused by surges, especially in exposed or outdoor locations.

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