



Optical sensor modules
see page 03



Weatherproof

Indoors and outdoors

Flexible. Virtually Invisible Dual-Lens Camera.

With its unique fusion of dual sensor technology and flexmount design, the S15 covers two areas at once and is virtually invisible. The S15 has been perfectly created for customized solutions or installations where standard cameras simply won't fit.



Flexible Installation

The S15 core unit miniature size fits into tight spaces (ATMs, machinery, vehicles). The flexible 3 m video cables make it a easy to create customized installations (see page 62).



Double Hemispheric = 360° Full Spherical Capture

This cost-effective solution can simultaneously capture and record two super-wide 360° fields of view, providing the same coverage as eight standard CCTV cameras.



White

Black

Virtually Invisible

With a diameter of only 50 mm and available in both white and black, the S15 sensor modules blend in with any environment. Ideal for applications where standard-sized cameras are unsuitable.



Secure Two Areas with One Device

The two flexible video cables allow for coverage of two separate areas. Just one S15 can secure two separate rooms, an indoor and outdoor area and around corners.

Technical Data			
Lens Options	Optical: B016 to B500 Thermal: L43, L65, L135	Min. Light Sensitivity	Day Sensor: 0.1 lux at 1/60 sec Night Sensor: 0.02 lux at 1/60 sec Thermal Sensor: 0 lux
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, Thermal: 9 fps	Compression	MxPEG, M-JPEG, JPEG, H.264 (SIP video only)
DVR Recording	Internal: microSD Card External: PC/NAS (to 4 TB)	Audio	2-way VoIP available with accessories such as the SpeakerMount
Operating Conditions	IP65, IK06, -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

Weatherproof Thermal Sensor Modules (L43, L65 and L135)



The S15 can also be operated with one or two thermal sensor modules. Objects can be detected in total darkness, smog or smoke thanks to thermal technology. The thermal sensor modules feature low power consumption of only 1.5 W each (NETD: typically 50 mK; MTBF: >80,000 hours; temperature measuring range: -40 to +550°C).

Manual PTMount with Integrated Thermal Sensor

MOBOTIX offers the weatherproof PTMount-Thermal (IP65), an attractive, compact, discreet and dome-shaped mount that is adjustable in three directions and contains a pre-installed MOBOTIX L43, L65 or L135 thermal sensor module. For additional information on the PTMount-Thermal see page 12.





Optical sensor modules are compatible with the M15 and S15.

Modular Imaging System.

Each sensor module consists of a lens, image sensor and microphone. Designed for the M15 and S15, the modules can be interchanged within minutes, at any time. The modules are weatherproof (IP66) and can be installed both indoors and outdoors. Choose between optical and thermal sensors.



Sensor Modules Technical Overview

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Image Sensors	1/1.8" CMOS (6MP) Day (Color) or Night (B&W)	Sensor Resolution	6MP: 3072x2048 pixels (Color/B&W)
Operating Conditions	IP66, -30 to +60 °C	Audio	Microphone in each module (except thermal modules, BlockFlexMount, CS mount and B500)

Easily Exchangeable Sensor Modules

The MOBOTIX S15/M15 modular system allows the sensor modules to be changed within minutes. This way, the camera optics, such as the field of view or sensor type can be easily exchanged.

S15D Thermal Sensor Modules

 Thermal Sensor Module	 PTMount-Thermal	Thermal Sensor Modules (for flush mounting) MX-SM-Thermal-L43 MX-SM-Thermal-L65 MX-SM-Thermal-L135	PTMount-Thermal (with integrated thermal sensors) MX-SM-PTMount-Thermal-L43 MX-SM-PTMount-Thermal-L65 MX-SM-PTMount-Thermal-L135
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The thermal sensors can be retrofitted and easily connected to the S15 with a sensor cable (max. length 3 m). The sensor modules cannot be individually replaced in the PTMount-Thermal. For information on the M15-Thermal Thermographic Camera, see page 12.

S15D BlockFlexModule



Available MOBOTIX lens options:
B036, B041, B061,
B079, B119, B237, B500

CS-Mount BlockFlexModule



MX-BFM-CS-D (Day)
MX-BFM-CS-N (Night)
MX-BFM-CS-N-LPF (Night-LPF)
Recommended MOBOTIX lens:
CSVario MX-B045-100-CS

Dual Video Technology from MOBOTIX for Day and Night Recordings



Only MOBOTIX day-and-night cameras are able to offer a day and night sensor designed to ensure optimum image quality at all times. Both lenses capture the same area. The purely digital switchover between day and night sensors helps deliver higher image quality and guarantees a longer lifetime for the cameras.

 S15 DualMount
Discreet design

 M15
Extremely robust

 D15
Dome design

More Than Just a Lens

Optical sensor modules (IP66) have a lens, an image sensor, built-in microphone and two status LEDs. The sensor modules are connected to the M15 and S15 via specially designed gigabit video cables. Mounting accessories for the S15 (e.g., SurroundMount, DualMount, PTMount) are also available, making it the ideal choice for a wide range of surveillance applications.

