5) i25 Indoor Wall Camera With 92° Lens (L23-f/1.8)

i25 with 92° lens: The light-sensitive 5MP camera delivers high-contrast images at low-light conditions and short exposure times even with the day sensor (for this camera: 17 lux and 19 ms).

New Addition To The i25 Camera Series

The new i25, the most compact MOBOTIX complete system ever, now complements the familiar model with hemispheric L12 lens by offering an **L23 super wide-angle lens**. The highly light-sensitive HD Premium lens has an **aperture of f/1.8** and an **image angle of 92° × 68°** (horizontal × vertical). The standard **Lowlight Exposure Optimization MxLEO** facilitates high-contrast images without motion blur, even in poorly illuminated surroundings. The i25 with L23 lens, too, is available with a **5-megapixel day sensor** (color) or an ever more light-sensitive **5-megapixel night sensor** (black/white). The maximum image size (live and in recordings) is 5 megapixels (2592 × 1944 pixels).

Simple Installation, High-Quality Features, Attractive Price

The i25 represents an affordable way to start using advanced MOBOTIX technology. The wall-mounted PoE-powered compact 14-cm camera for use indoors is quickly installed via an in-wall socket using just two screws. Thanks to the design and its 15° lens tilt angle, persons in this space are generally in the center of the image axes, which is the area with the highest quality of detail.

The comprehensive range of standard features includes an (expandable) 4-GB Flash memory (microSD), a microphone and the latest camera software including MxActivitySensor. **Recording** takes place both internally on a microSD card and externally on a USB stick or on NAS hard drives via the IP network, offering nearly unlimited storage capacity. Typical application areas for the i25 include any indoor application such as in retail, public buildings, hotels and recreation facilities, in residential buildings and for the surveillance of industrial production processes.

i25 – Highlights

- Discreet 92° super wide-angle camera for use indoors (IP30) for €398

- With its extremely reliable and high-quality technical components, the camera is also perfect for continuous operation in professional applications (MTBF >80,000 hours)

- Simple and quick wall installation with 15° lens tilt angle (convenient in-wall installation set available as an accessory, including cavity wall socket and stainless steel mounting plate)

- The compact design ensures an inconspicuous appearance in all environments

- Preinstalled video analysis and image editing software, so no PC or additional software is required

- Particularly light-sensitive 5-megapixel sensor with the latest MOBOTIX image processing technology captures extremely detailed, crisp images up to 2592 × 1944 pixels (compared to Full HD resolution of 1920 × 1080 pixels)

- Available with either day or night sensor (color or black/white) and perfectly suited to demanding indoor applications with poor lighting conditions

- Power supply via Ethernet cable (PoE IEEE 802.3f, class 2) low power consumption of typically only 4 W

i25 Indoor Wall Camera With L23 92° Lens (Aperture f/1.8): Technical Data

i25 model versions with 92° lens	**Day and night version with 5MP color or black/white sensor, incl. microphone and 4-GB SD card:** - MX-i25-D23-PW-F1.8 - MX-i25-N23-PW-F1.8
Operating conditions	Ambient temperature 0 °C to 40 °C (32 °F to 104 °F), protection class IP30 (protected from foreign bodies with diameters 2.5 mm or larger, not waterproof)
Designated use	Indoors • For wall installation only, with 15° tilt • Not for use in areas at risk of explosions
Dimensions (height × width × depth)	107 × 145 × 50 mm
Weight (camera without ETH cable)	205 g
Image sensor	1/2.5" CMOS sensor, 5 MP (2592 × 1944), progressive scan
Minimum light sensitivity	Color sensor: 0.25 lux at 1/60 sec; 0.013 lux at 1 sec Black/white sensor: 0.05 lux at 1/60 sec; 0.0025 lux at 1 sec
Maximum image size	5 megapixels (2592 × 1944 pixels)
Maximum frame rates MxPEG (fps)	30@HD (1280 × 720), 30@MEGA, 15@QXGA, 10@5MP
Maximum frame rates MJPEG (fps)	15@HD (1280 × 720), 12@MEGA, 6@QXGA, 4@5MP
Lens	Super wide-angle L23 with aperture f/1.8 • Image angle: 92° (horizontal) × 68° (vertical)
Controls & LEDs (front)	Two buttons, two status LEDs
Sound	Microphone, 16-bit/16 kHz (HD voice)
Image processing	MxLEO, backlight compensation, automatic white balance, image distortion correction
Image formats	Freely configurable format 4:3/8:3/16:9 • User-defined formats (image cropping), for example, 5 MP, QXGA, Full HD, MEGA

i25 Indoor Wall Camera With L23 92° Lens (Aperture f/1.8): Technical Data	
Multi-streaming	Yes
PTZ	Digital pan/tilt/zoom, continuous 8× zoom
Intelligent video analysis	MxActivitySensor, video motion analysis
DVR	Via integrated microSD card • Externally on USB device • Externally on NAS (up to 4 TB) • Separate live image feed and full image recording • MxFFS with archiving function • Pre- and post-alarm images • Automatic DVR surveillance including error notification
Alarm/event management	MxActivitySensor • Video motion analysis • Temperature sensor • Microphone sensor • Shock detector • Illumination sensor • Further sensors/IO via additional devices • Alarm notification via e-mail, FTP, VoIP
Video telephone	SIP client; i25 currently only available with microphone
Security	User/group management, SSL connection, IP address filter, IEEE 802.1x, intrusion detection, digital image signature
Tamper detection	Yes
Protocols	IPv4, IPv6, HTTP, HTTPS, FTP, RTP, UDP, SNMP, SMTP, DHCP (client or server), NTP (client or server)
Interfaces	Ethernet (MxRJ45), MiniUSB • With optional MxBus/IO board with two additional signal outputs (available soon)
Certifications	- EMV (EN 55022:2010; CISPR22:2008 mod.; EN 55024:2010; EN 61000-6-1: 2007; EN 61000-6-2:2005) - Additional standards (AS/NZS 3548; CFR47, FCC part 15B)
(Integrated) software functions	Digital zoom • Programmable exposure windows • Snapshot recording • Full feature recording (MxFFS archive, continuous recording, full image recording including sound) • Time and event control • Time tables including holidays • Web functions • Logo generator • Flexible event logic • Master/slave arming • Multiple time-controlled privacy zones • Remote alarm notification • Programming interface/HTTP API
MOBOTIX Video Management Software (VMS) available free of charge	MxCC, MxEasy, MOBOTIX App, MxMultiViewer (available soon)
Accessories	- i25 in-wall installation set with cavity wall socket and stainless steel mounting plate - i25 on-wall mounting set (available soon) - MxBus/IO board for self-installation on camera rear (available soon)

i25 Indoor Camera With HD Premium Lens L23 (Aperture f/1.8) Ordering Information:

Order Number	EAN	Description	MSRP in EUR	Available as of
MX-i25-D23-PW-F1.8	4047438022316	IP indoor wall camera • Image sensor: 1/2.5" CMOS, 5 megapixels, color (day) • L23 wide-angle HD Premium lens (f/1.8, horiz. image angle 92°) • Maximum image size: 5 MP (2592 × 1944 pixels) • IP30, 0 to +40 °C (32 °F to 104 °F) • Internal DVR: 4-GB microSD • Microphone • Temperature sensor, illumination sensor, movement sensor, MxActivitySensor, 0.5-m Ethernet patch cable • Interfaces: Ethernet 10/100 (RJ45), USB • Color: white	398	now
MX-i25-N23-PW-F1.8	4047438022323	IP indoor wall camera • Image sensor: 1/2.5" CMOS, 5 megapixels, black/white (night) • L23 wide-angle HD Premium lens (f/1.8, horiz. image angle 92°) • Maximum image size: 5 MP (2592 × 1944 pixels) • IP30, 0 to +40 °C (32 °F to 104 °F) • Internal DVR: 4-GB microSD • Microphone • Temperature sensor, illumination sensor, movement sensor, MxActivitySensor, 0.5-m Ethernet patch cable • Interfaces: Ethernet 10/100 (RJ45), USB • Color: white	398	now

I25 In-Wall Installation Set Ordering Information:

Order Number	EAN	Description	MSRP in EUR	Available as of
MX-OPT-UP1	4047438022118	In-wall installation set for the i25 • With cavity wall socket, stainless steel mounting plate, two Allen screws with washers • The camera can be installed directly onto the mounting plate without any dowels • Mounting plate is screwed in directly with the cavity wall socket • Recommended for wall mounting only	28	Dec. 2014