



## The Latest Marine Technology

### Q25M Hemispheric Camera

#### Main Features Include:

- High-resolution widescreen wall to wall panorama - ideal for access control
- Integrated DVR for long-term recording without network load up to 64GB
- Digital continuous tilting, panning & zooming, without mechanically having to move the camera
- Robust & low maintenance due to having no moving parts
- Newest 5MP sensor technology with up to 30fps with improved zoom
- Microphone, speaker, MxBus & intelligent movement sensors
- Optimised image quality & reduced motion blur - even in poor lighting conditions



#### Q25M Advantages:

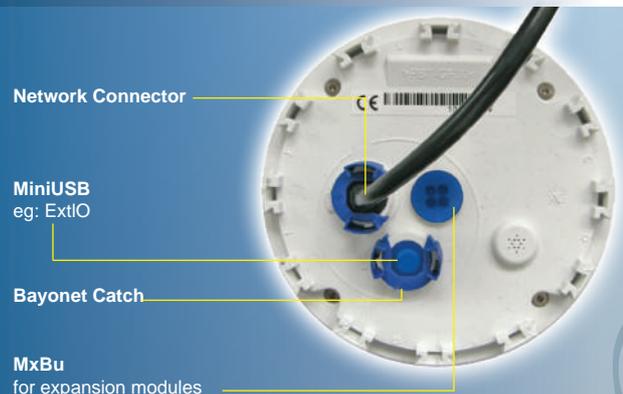
- Extremely high-sensitive 5-mega-pixel sensors
- All relevant events are automatically saved
- Highly secure as motion sensors detect even the smallest movements & reduce the number of false alarms
- Cost-effective as fewer cameras are needed thanks to the Hi-Res panorama view
- Maintenance-free with no heaters, fans or moving parts
- Can be expanded thanks to encrypted two-wire bus (MxBus)
- Synchronisation via GPS satellite means data available in real time
- Weatherproof from -30°C to 50°C (-22°F to 122°F)
- No licensing or software fees & free-of-charge updates

#### About the Camera:

An elegant, ultra-compact and weatherproof IP Dome Camera. The Q25M opens up a whole new range of application scenarios thanks to its 360° all-round view.

It can record an entire room, with widescreen panoramic images and simultaneous quad display in all four cardinal directions.

*Specification may change without prior notice*





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#### Camera Housing

##### Standard housing

- Hemispheric all-round view 360°
- Suitable for both wall & ceiling mounting
- Available in either white or black
- Robust & low maintenance with no moving parts



#### Accessories

##### ExtIO function expansion

- Microphone / Speaker
- Infrared motion sensor, temperature sensor
- 2x signal inputs, 2x signal outputs, 2x illuminated keys



##### Vandalism Set

- Anti-vandalism stainless steel housing with lens protection
- Available in a polished or matt finish

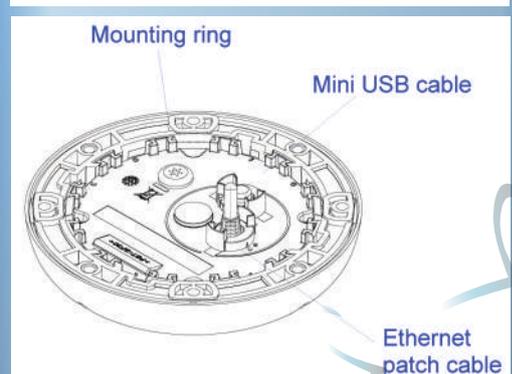
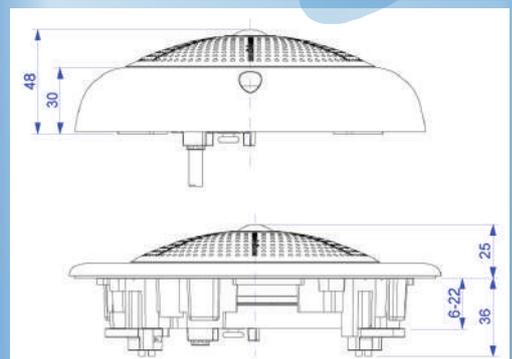
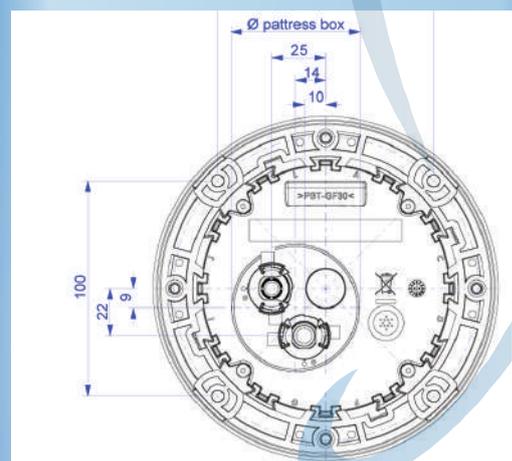
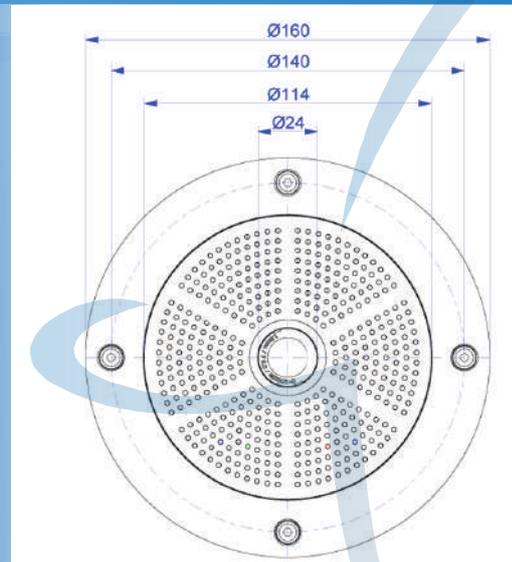


##### In-ceiling Set

- Installation set with mounting accessories
- Simple installation from the front
- Ø 15 cm installation dimensions
- Available in either white or black
- Optionally available with a stainless steel ring



The discreetly mountable Q25 provides a complete view while at the same time serving as a highly functional intercom system!





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#### Technical Data

<b>Model Versions</b>	Basic   Sec   Sec - Night
<b>Lens Options</b>	L12: 180° x 160°   L25: 82° x 61°
<b>Sensitivity</b>	<ul style="list-style-type: none"> <li>• Colour Sensor: 0.25 lux (t =1/60s), 0.013 lux (t = 1/1s)</li> <li>• B/W Sensor: 0.05 lux at 1/60s, 0.0025 lux at 1/1s</li> <li>• MxLEO: Lowlight Exposure Optimisation</li> </ul>
<b>Image Sensors</b>	1/2.5" CMOS   5 Mega-pixels   Progressive Scan
<b>Maximum Image Size</b>	<ul style="list-style-type: none"> <li>• Colour: 2048 x 1536 (QXGA)</li> <li>• B&amp;W: 2048 x 1536 (QXGA)</li> </ul>
<b>Image Formats</b>	Freely Selectable Image Format (160 x 120 up to 2048 x 1536 / colour); PTZ views: Surround (Quad), Fisheye, Full Image, Normal, Panorama, Double Panorama, Panorama Focus (3 x views)
<b>Maximum Frame Rate</b>	VGA: 30 fps   MEGA / HD: 10 fps   3MEGA: 4 fps
• M-JPEG: live / recording	
<b>Maximum Video Rate</b>	VGA: 30 fps   MEGA / HD: 30 fps   3MEGA: 20 fps
• MxPEG: live / recording / sound	
<b>Image Compression</b>	MxPEG, M-JPEG, JPEG, H.264 (SIP Video Only)
<b>Internal DVR</b>	MicroSD Slot (recording inside camera up to 64 GB; 4-GB card pre-installed)
<b>External Storage</b>	Directly on NAS & computer / server without additional recording software
<b>Software - free of charge!</b>	MxEasy Video Management Software, MxControlCenter Control Center Software, App for iOS devices iOS 5.0 & higher
<b>Image Processing</b>	Backlight Compensation, Automatic White Balance, Image Distortion Correction (including Panorama Image Correction), Motion Detection, MxActivitySensor
<b>Virtual PTZ (vPTZ)</b>	Digital Pan / Tilt / Zoom, Continuous 8x Zoom, Full Image Recording in the background
<b>Alarm / Events</b>	Triggering of events by Integrated Multiple-window Motion Detection, Temperature Sensor, Notification Over Email, FTP, IP Telephony (VoIP, SIP), Visual / Acoustic Alarm, Pre-alarm & Post-alarm Images
<b>Audio</b>	Integrated Microphone & Speaker, Lip-synchronous Audio, Intercom, Audio Recording
<b>Interfaces</b>	Ethernet 10/100, IPv4/IPv6, MiniUSB, MxBus, IO & RS232 via MX-232-IO-Box (accessory)
<b>Video Telephony</b>	VoIP/SIP, Intercom, Remote Controlling with key code, Event Notification User /
<b>Security</b>	Group Management, HTTPS/SSL, IP Address Filter, IEEE 802.1x, Intrusion Detection, Digital Image Signature
<b>Certifications</b>	EMC: EN50121-4, EN55022, EN55024, EN61000-6-2, FCC part15B, AS/NZS3548
<b>Power Supply</b>	Power over Ethernet (PoE in accordance with IEEE802.3af): PoE class variable (2/3) depending on operating mode; power consumption: type 4.5 watts
<b>Operating Conditions</b>	IP65 (DIN EN 60529), -30 to +50 °C/-22 to +122 °F
<b>Dimensions &amp; Weight</b>	D 16cm x H 5cm   Weighs about 450g

