Quick Install
MxIRLight

- High performance IR illuminator in a robust all-aluminum housing
- Simple mounting and easy installation
- PoE+ power supply: power consumption max. 19 W
- Direct connection to a MxSplitProtect or a network cable
- Integrated photosensor for automatic on and off switching

Optional Accessories
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MxIRLight
Outdoor Infrared Illuminator (IP67)
PoE-supplied infrared illuminator (860 nm) for cameras with black-and-white image sensor, available in six product variants with illumination angles from 15° to 120°.

More information:
www.mobotix.com > Products > Accessories > System Components > MxIRLight

MxIRLight Standard Delivery

<table>
<thead>
<tr>
<th>Item</th>
<th>Count</th>
<th>Part Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>1</td>
<td>Infrared illuminator in aluminum housing with pre-mounted 0.9 m patch cable with RJ45 connector</td>
</tr>
<tr>
<td>1.2</td>
<td>1</td>
<td>Angle bracket for wall mounting</td>
</tr>
<tr>
<td>1.3</td>
<td>2</td>
<td>Washer</td>
</tr>
<tr>
<td>1.4</td>
<td>1</td>
<td>Allen screw and nut</td>
</tr>
<tr>
<td>1.5</td>
<td>1</td>
<td>Allen wrench 3 mm</td>
</tr>
<tr>
<td>1.6</td>
<td>1</td>
<td>Torx wrench TX20</td>
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<tr>
<td>1.7</td>
<td>2</td>
<td>Allen screw M6x20 (to mount the mounting brackets, optional accessories), stainless steel</td>
</tr>
<tr>
<td>1.8</td>
<td>2</td>
<td>Washer Ø 6.4 mm, stainless steel</td>
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<tr>
<td>1.9</td>
<td>2</td>
<td>Screw anchor S8</td>
</tr>
<tr>
<td>1.10</td>
<td>2</td>
<td>Wood screw 4.5x60 mm, stainless steel</td>
</tr>
</tbody>
</table>

Mounting Possibilities
Mounting with standard bracket

- Ceiling mount
- Wall mount
- Floor mount

Mounting with additional angle bracket (see item 1.2 “Standard Delivery”)

- Wall mount for continuous rotation about the vertical axis
Next Steps

1. After mounting the illuminator, remove the protective film from the glass.
2. Fasten the illuminator to the mounting bracket, adjust the illuminator, and tighten the screws.
3. Secure the illuminated source to the mounting bracket. Adjust the illuminator and tighten the screws to secure the mounting bracket.

Notes on mounting

- To ensure adequate air circulation for cooling, the rear part of the illuminator must not be covered.
- Make sure that the illuminator is mounted in such a way that the photosensor at the back of the housing is neither permanently obscured and thus darkened, nor exposed to light sources that illuminate the sensor, but not the camera surveillance area.

Mounting with Optional Accessories

For Mounting with Optional Accessories (Part No: Mx-M-IRA-ML and Part No: Mx-M-IRA-M). The illuminator can then be mounted to either the M15/M16 or the M25/M26 with a weatherproof PoE connection via the MxSplitProtect. For information on mounting the camera and the MxSplitProtect, please see the Quick Install MxSplitProtect.

Notes on Installing

- This product must not be used in locations exposed to the dangers of explosion.
- Make sure that the illuminator is mounted in such a way that the photosensor at the back of the housing is neither permanently obscured and thus darkened, nor exposed to light sources that illuminate the sensor, but not the camera surveillance area.

Important Notes

- Only install this product on suitable, solid surfaces that provide for a sturdy installation of the fixing elements used.
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Disposal

Electronic and electrical products contain many valuable materials. For this reason, we recommend that you dispose of MOBOTIX products at the end of their service life in accordance with legal requirements and regulations. To dispose of these products at a recycling collection center, MOBOTIX products must be disposed of by household waste! If the product contains a battery, please dispose of the battery separately (the corresponding product manual contains specific directions on how to dispose of the battery). MOBOTIX AG does not assume any responsibility for damages, which are the result of improper use or failure to comply to the manuals or the applicable rules and regulations. Our General Terms and Conditions apply. You can download the current version of the General Terms and Conditions from our website at www.mobotix.com by clicking on the CSS link at the bottom of every page.

Cleaning

Clean the illuminator using a damp cloth. When an illuminator is mounted to a house facade and you clean the wall with a high-pressure cleaner, make sure that you do not direct the stream at the illuminator as this could damage the illuminator.

Technical Specifications

Product Features
- IP66/67 rating (Ingress Protection) – 60° C (140°F) operating temperature
- 120 °, 90 °, 60 °, 45 °, 30 °, 15 ° viewing angles
- 5200 mcd (max) lumens
- 22 deg in the horizontal direction
- 15 deg in the vertical direction
- 1.8 mm f/2.0 lens
- Black Housing
- Weatherproof
- Rugged design
- Power over Ethernet IEEE 802.3at (PoE+)
- Power Supply: 860 nm (semi-discrete)
- Power Consumption: Max. 19 W (Standby mode: 0.8 W)
- Ethernet (MxRJ45)
- Power over Ethernet IEEE 802.3at (PoE+)
- Headphone
- Interfaces: Ethernet (MxRJ45)
- Environment IEC 60068-2-3 (for the ambient brightness) and IEC 60068-2-24 (for the time at which the illuminator switches off automatically)
- Weatherproof
- Weight: approx. 750 g
- Dimensions: H x W x D: 90 x 115 x 51 mm
- Certification: CE, FCC, RoHS, WEEE, ISO 9001, ISO 14001, CE
- Approval: CE, FCC, RoHS, WEEE, ISO 9001, ISO 14001
- WEEE: www.mobotix.com > Support > MxMedia Library > Certificates

Mounting with standard bracket

1. Drive two holes for the mounting bracket dowels at the desired loca-

tion. Drill the holes and insert the dowels (item 1.1).
2. Loosen the screws that secure the mounting bracket to the illuminator, so that the bracket can be moved to the desired position. (If neces-
sary, loosen the mounting bracket completely from the illuminator.

Mounting with additional angle bracket (see item 1.2 “Standard Delivery”)

1. Drive two holes for the angle bracket dowels at the desired location.
2. Drill the holes and insert the dowels (item 1.3).
3. Fasten the angle bracket with the screws (item 1.4) and the washers (item 1.6) on the mounting bracket.
4. Connect the angle bracket and the angle bracket dowels to the screw holes of the illuminator and tighten the screws (with, e.g., a Torx key, item 1.4).
5. Rotate the illuminator around its vertical axis to the desired position and tighten the screws (item 1.5).

Mounting on a Circular Post

1. Secure the standard bracket on the illuminator and attach the mount-
ing bracket set for either the M15/M16 or the M25/M26. Make sure that the forwardly curved ends of the brackets are attached to the illuminator (see blue arrows).

Notes on Installing

- Only install this product on suitable, solid surfaces that provide for a sturdy installation of the fixing elements used.
- Make sure that you install this product in accordance with the instructions of this Quick Install document.
- When installing this product, make sure that you are only using genuine MOBOTIX parts and MOBOTIX connection cables.
- Only install this product on suitable, solid surfaces that provide for a sturdy installation of the fixing elements used.
- The illuminator is cooled by natural convection, so it should be installed in such a way that the air can circulate freely around the housing.

Automatic Switching Off

- If the ambient brightness is lower than 3 lux for more than 150 sec., the illuminator automatically switches off.
- When the ambient brightness exceeds the 3 lux threshold for more than 150 sec., the illuminator

Product Features

- 80,000 hours MTBF – Mean Time Between Failures
- Dimensions: H x W x D: 90 x 115 x 51 mm; weight: approx. 750 g
- Interfaces: Ethernet (MxRJ45)
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