MRX.camera, marine, bullet

AZG Tech

Rugged IP camera with 8MP and 3x optical zoom

Quick Start Guide

System Overview

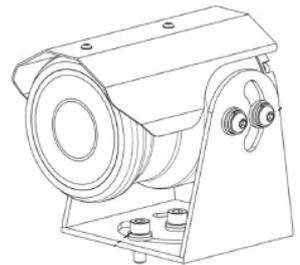The MRX.marine system is a modular solution for use in port and offshore environments.

Delivery scope
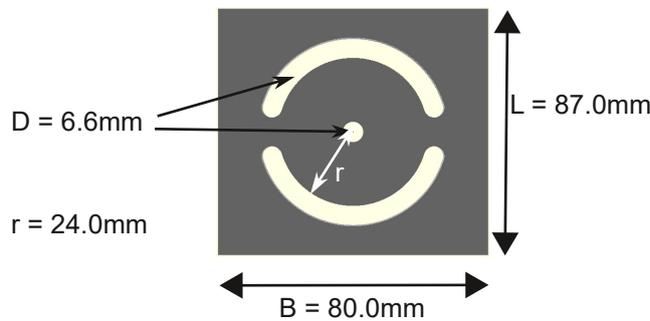
The scope of delivery of the unit includes:

* 1x MRX.camera, equipped with CAT6 cable, L=2.0m

* RJ45 outdoor connector, 2x RJ45 socket,

* this QSG.

Mounting

Several possible options for mounting, either pedestal, wall or ceiling. Two (or more) M6 screws are used to fix the camera. It is recommended to use washer for camera installation. The universal mounting bracket allows every oriantation of the camera.
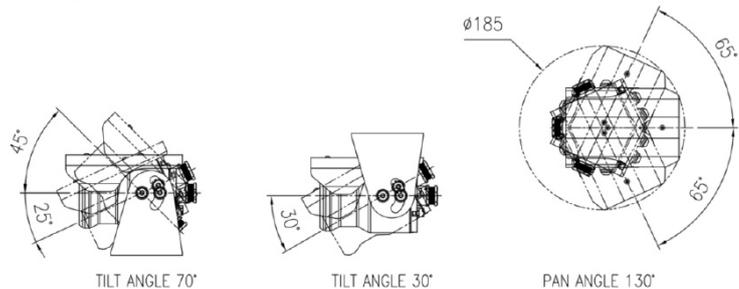
Mounting Holes

D = 6.6mm

L = 87.0mm

r = 24.0mm

B = 80.0mm

View Angle

To adopt the cameras's field of view, the 4 screws on the left and right side of the bracket can be loosened. After correct alignment, the screws must be fixed again.
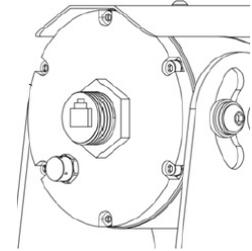

TILT ANGLE 70°   TILT ANGLE 30°   PAN ANGLE 130°

ø185

65°

65°

45°

25°

30°

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Wiring

The camera is equipped with a 2m CAT6 cable. Connect this cable to an Ethernet switch with PoE (Power oder Ethernet) cabable switch. The camera is powered via the CAT6 cable.

The power demand of the camera is appr. 12W. The PoE capability of the switch must be according IEEE802.3af-2003.

If the camera connection cable (2 m) is not long enough, it can be connected to an extension cable using the connection box provided. The connection box offers protection against weather conditions and has an IP68 rating.

The connection box has screw-off covers on both sides.

Procedure

1. Unscrew the two covers.
2. Place one of the two covers over the camera's connection cable.
   a. Insert the RJ45 plug into the middle section of the connection box.
   b. Screw the cover tightly onto the middle section.
3. Connecting the Ethernet extension cable:
   a. FIRST(!) attach the preLink connection block of the enclosed RJ-45 plug to the Ethernet extension cable as described in the enclosed instructions.
   b. THEN insert the Ethernet extension cable through the second cover of the connection box.
   c. Plug the enclosed RJ45 plug into the connection block.
   d. Plug the RJ45 plug into the middle section of the connection box.
   e. Screw the cover tightly onto the middle section.

Right part (same on left side):

A: RJ45 plug. Bring first the yellow terminal block onto the CAT cable. Then clip the plug onto the terminal.

B: Body (gasket inside)

C: Water protection, IP68

D: Nut

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