FLIR®

CB-WLBX-62 Wall Mount Junction Box Installation Guide

The items and tools needed to install the Quasar Gen II CB-620x bullet camera with the Wall Mount Junction Box are listed below.

Wall Mount Junction Box package contents:

- Wall Mount Junction Box
- Plastic screw anchor x3
- M4 x 25mm self-tapping screw x3
- M4 x 12mm mechanical screw x5
- Waterproof washer x3
- Cable gland

Required items:

- Bullet camera
- Ethernet cable
- Power cable (required if a PSE is not used)
- Alarm cable (optional)
- Audio cable (optional)

Required tools:

- Drilling tools
- Screwdriver
- Spanner

Follow the steps below to install the Wall Mount Junction Box.

Step 1:

Loosen the two screws on either side of the cover with a screwdriver and detach the Junction Box cover.

Step 2:

Place the Junction Box at the installation location. On the wall, mark the position of the two screw holes. Drill a hole on each marked screw hole, and insert the plastic screw anchors into the drilled holes.

Step 3:

Place the supplied waterproof washers over the screw holes. Place the two screw holes of the Junction Box over the screw anchors and fasten the Junction Box to the wall with the supplied M4 self-tapping screws.

Step 4:

Remove the rubber plug from the hole in the cover.

Step 5:

Feed the camera's system cables through the cover hole one by one. Reinsert the rubber plug into the cover hole.
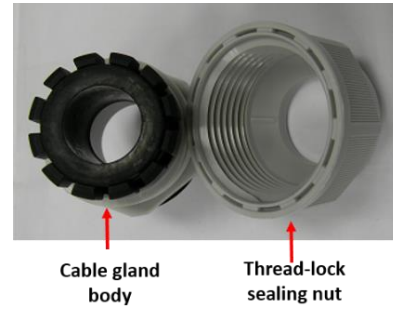
Step 6:

Tighten the stainless steel ring by turning the knob clockwise with a flathead screwdriver. Make sure there's no gap between the system cable and the cover hole.

Step 7:

Loosen the thread-lock sealing nut from the cable gland body.

Cable gland body   Thread-lock sealing nut

Step 8:

Insert the required cables through the thread-lock sealing nut and the cable gland body with threads facing the cable entry conduit.
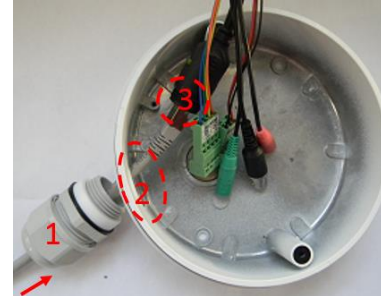

Step 9:

Twist the cable gland body back into the thread-lock sealing nut, but do not tighten entirely.

Step 10:

Feed the cable(s) through the gland (1) and through the conduit entry hole on the side of the base (2). Then coat the joints between the connectors and the cables with silicone gel (3).

Step 11:

Twist the cable gland into the conduit entry hole.

Step 12:

Stuff the cables into the base. Then connect the wire from the cover to the screw on the base.
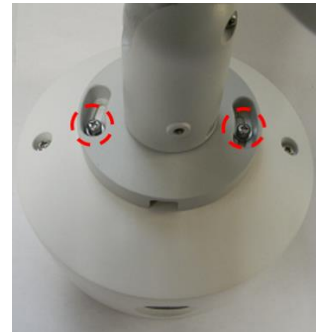
Step 13:

Close the cover and align the arrows.

Step 14:

Align the two screw holes of the camera's mounting arm with the screw holes on the Junction Box cover. Fasten the mounting arm to the cover with the M4 mechanical screws.

Step 15:

Fasten the thread-lock sealing nut tightly with a wrench until the cable is completely covered. Coat the joints between the cable gland and the cables with silicone gel to waterproof them.

Step 16:

Rotate and point the camera to the desired direction. The installation is complete.