Outdoor wall mount

Outdoor corner mount

Outdoor hard ceiling mount

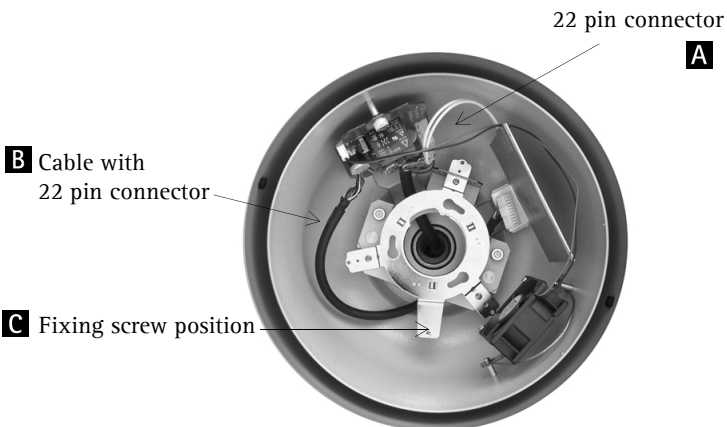

Outdoor pole mount

See the Axis Web site at http://www.axis.com for more information about the available outdoor housing and mounting accessories.

This document describes the installation of part no. 23723, i.e. the outdoor housing without a power/junction box included

Outdoor housing installation
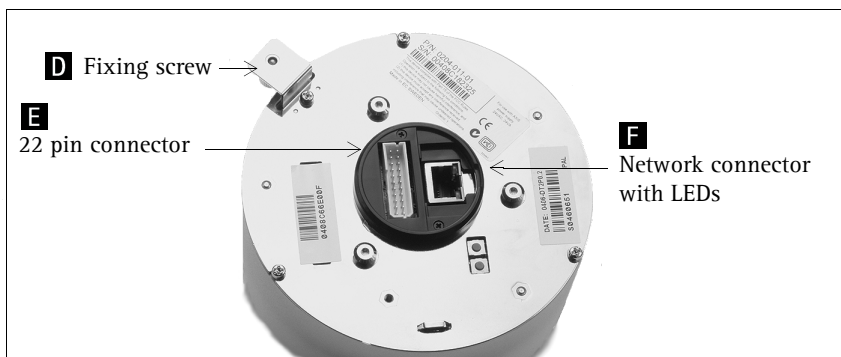
22 pin connector

A

Before you begin:

Check that the you have all the necessary mounts and that the cables are long enough for the installation.

See the Axis Web site at http://www.axis.com for more information about the available outdoor housings, mounting accessories and cables.

B Cable with 22 pin connector

C Fixing screw position

1. Thread the supplied connection cable with the 22 pin connector through the top of the outdoor housing (and mounts) and connect to the 22 pin connector in the outdoor housing **A** .

2. Connect the cable in the outdoor housing **B** to the 22 pin connector on the dome camera **E** .

3. Thread a network cable through the top of the outdoor housing (and mounts) and connect it to the network connector on the dome camera **F** .

4. Remove the protective black shipping cover from the dome camera.

5. Follow the instructions *Connecting the power supply and alarms*, on page 3.

D Fixing screw

E
22 pin connector

F
Network connector with LEDs

Connecting the power supply and alarms

Notes:

> A power supply (24V AC, 3A) designed for outdoor use is required (not included) for an outdoor installation, do not use the included indoor power supply.
>
> It is highly recommended that the unused wires are also connected to avoid a short circuit.

1. Following the pinout description below, connect the power and alarm lines (connection cable connected to **A**) to a connection strip (not included).

2. Connect the input/output alarm devices (e.g. doorbell, alarm) to the corresponding pins in the connection strip.

3. Connect the power supply (see note above) to the corresponding pins in the connection strip.

4. Power up the camera and check that the power and network LEDs on the dome camera light up green **F**. The camera will run a self-test during start up, be careful not to restrict the camera block movements as this may cause damage.

Connection cable pinout

Color	Function	Description
White	– not used	– for future expansion
Black	– not used	– for future expansion
White/Black	ALMGND	Alarm ground
Gray/Black	ALM_4_OUT	Alarm 4 out **
Purple/White	ALM_4_IN	Alarm 4 in *
Blue/White	ALM_3_OUT	Alarm 3 out **
Green/Black	ALM_3_IN	Alarm 3 in *
Yellow/Black	ALM_2_OUT	Alarm 2 out **
Orange/Black	ALM_2_IN	Alarm 2 in *
Red/White	ALM_1_OUT	Alarm 1 out **
Brown/White	ALM_1_IN	Alarm 1 in *
Black/White	ISOG	Ground
White	– not used	– for future expansion
Gray	– not used	– for future expansion
Purple	– not used	– for future expansion
Blue	– not used	– for future expansion
Green	– not used	– for future expansion
Yellow	FG	Ground
Orange	– not used	– for future expansion
Red	24V AC	Power
Brown	– not used	– for future expansion
Black	24V AC	Power

* Connect to GND to activate or leave floating (or unconnected) to deactivate.

** With a maximum load of 100mA and maximum voltage of 24V DC, this output has an open-collector NPN transistor with the emitter connected to GND. If it is to be used with an external relay, a diode must be connected in parallel with the load for protection against any voltage transients.

Completing the installation

1. Push the dome camera into the outdoor housing and twist clockwise to lock it into the bracket making sure that the fixing screw on the dome camera **D** is in the correct position **C** (see page 2).

2. Tighten the fixing screw to secure the dome camera.

3. Connect the safety wire in the outdoor housing to the loop in the cover set.

4. Align the screw hole in the housing to the screw hole in the cover set. Push the rim of the cover set into the outdoor housing and fasten securely with the screw.

5. The hardware installation is now complete.

Cover set ⟶

Refer to the user documentation provided with the dome camera for information on the available IP setting methods.

Technical Specifications

Connections Dome housing	• 22-pol multi cable for power and signal lines
	• Network: 10BaseT/100BaseTX Ethernet networks (RJ-45)
Connections	• Power: input 24V AC, 3A
Operating Conditions (housing only)	• Temp: –20 – +50 ºC (–4 – +122 ºF)
	• Humidity: 20 – 80% RHG
	• IP rating: IP66

Part No. 23990