

MIC Shallow Conduit Adapter

MIC-SCA-BD | MIC-SCA-WD | MIC-SCA-MG

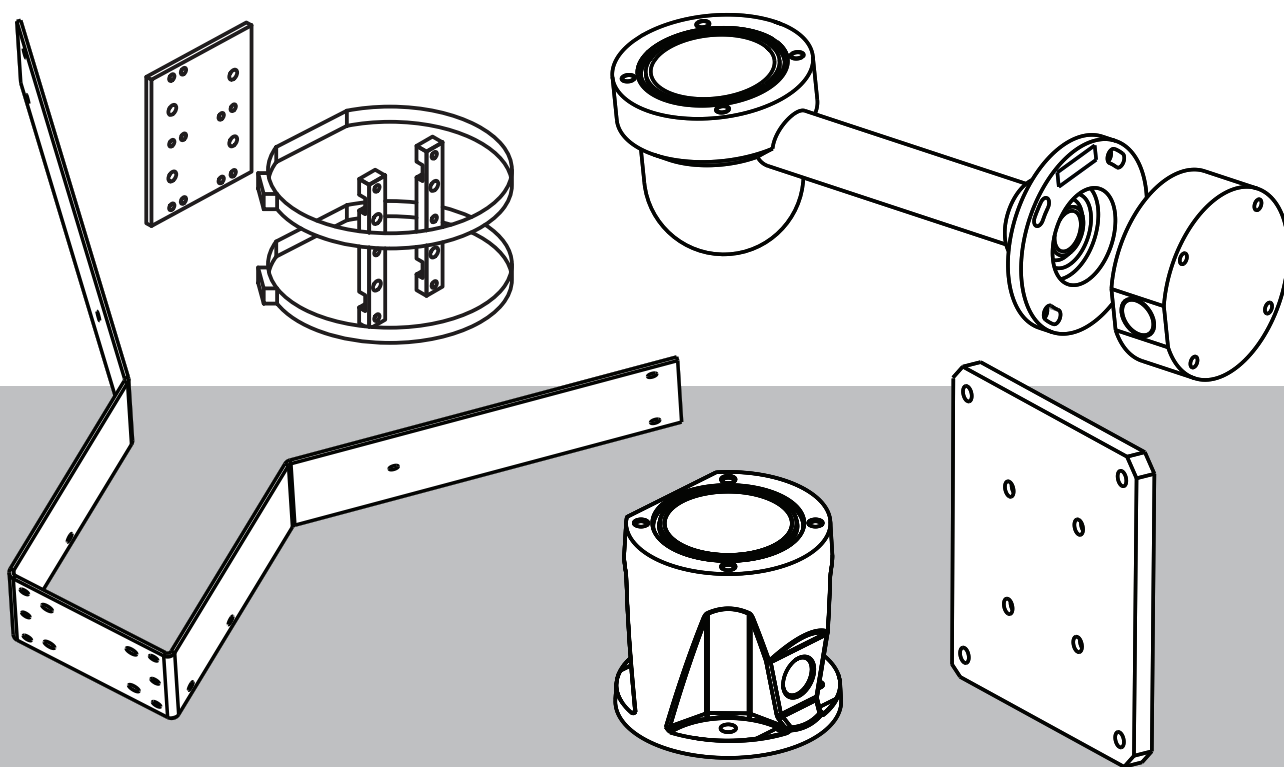


Table of contents

1	About MIC Bracketry	4
2	MIC Shallow Conduit Adapter (SCA)	5
2.1	Install a shallow conduit adapter	6
3	M25 to 3/4" NPT adapter (MIC-M25XNPT34)	7
4	Technical data	8
5	Support services and IQSIGHT Academy	9

1 About MIC Bracketry

MIC bracketry includes:

- Wall mount brackets
- Spreader plates
- Corner mount brackets
- Pole mount brackets
- Deep conduit adapters
- Shallow conduit adapters

Except for the pole mount bracket (MIC-PMB), the brackets come in colors that match MIC cameras. The MIC-PMB is stainless steel and aluminum, and therefore silver-colored only.



Caution!

It is important to seal the connector pigtail at the base of the MIC camera from water ingress. All MIC wall mount brackets and conduit adapters have an integral O-ring at the junctions and camera mounting point.

To comply with NEMA 6P and IP68 standards, all O-rings must be coated in multi-purpose, non-EP, lithium soap thickened grease.

Each MIC camera ships with a gasket (pictured below) to be fitted between the foot of the camera and the top of a CCTV pole or other non-MIC mounting bracket in order to enable a waterproof seal.

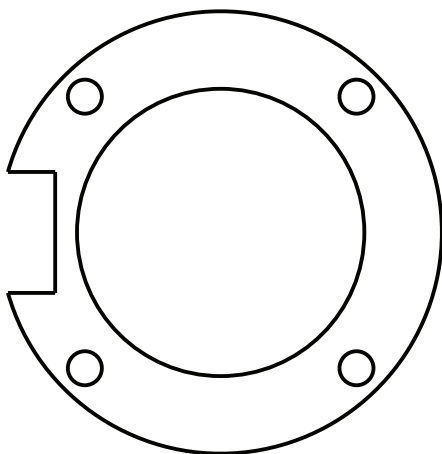


Figure 1.1: Gasket

Mounting hardware recommendations for MIC mounting accessories

Fasteners are not supplied with the MIC mounting accessories for attachment to the mounting surface. The type of fastener necessary is dependent on the mounting surface.

Fasteners can include wedge anchors, sleeve anchors, single expansion anchors, double expansion anchors, machine screws or 'Thru-Bolting' with a nut.

Fasteners are to be of a structural grade (ISO Class 10.9, SAE Grade 8) and zinc plated for moderate corrosion resistance. When installed in marine or similarly corrosive environments, stainless hardware (A2-800, A4-800) is recommended.

Fasteners are to be a minimum diameter of 8 mm (0.3125 in.).

All bolts must extend through the mounting surface and be secured with a flat washer, lock washer and nut. All studs must be anchored to concrete or welded to a steel backing plate.

2 MIC Shallow Conduit Adapter (SCA)

The MIC Shallow Conduit Adapter (MIC-SCA) is used as required with other mounting brackets. The MIC-SCA has a single M25 side entry conduit fitting hole. There is not sufficient room inside to allow the camera to be mounted to it directly. (Use a MIC-DCA-Hx or a MIC-DCA instead.)

Supplied hardware includes:

Quantity	Component
1	MIC-SCA
4	Stainless steel hex bolts, M8 x 20
4	Stainless steel plain washers, M8
1	O-ring, 80 mm x 3 mm
1	Blanking plug, M25 x 1.5, with O-ring

2.1 Install a shallow conduit adapter

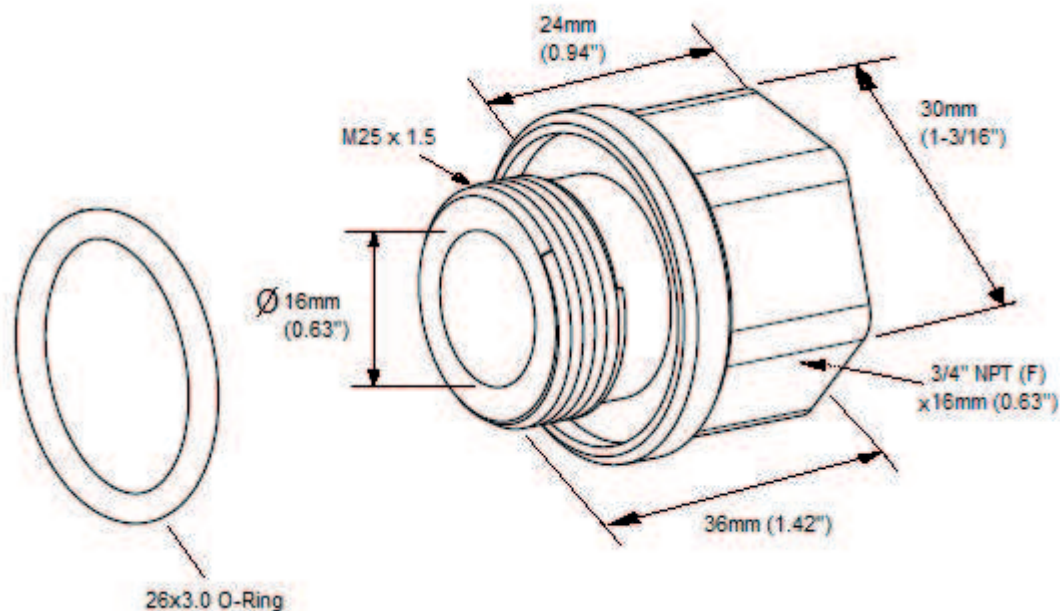
To install the MIC-SCA, complete the steps that follow:

1. Align the adapter with the previously-installed bracket (MIC-CMB, MIC-PMB, MIC-SPR). Make sure to install the adapter with the conduit hole facing down (to the ground).
Note: You must use a drip loop on the conduit if you install the adapter with the conduit hole facing to the side.
2. Put the washers and then the securing bolts through the holes in the bracket.
3. Tighten the securing bolts. The MIC-SCA is now installed.
4. Make sure to put the O-ring in the groove in the top of the MIC-SCA.
5. Follow the instructions to install a wall mount bracket to the MIC-SCA. Refer to the installation manual of the camera for instructions to install the camera to the wall mount bracket.

Route cables through the bottom of the SCA (to prevent water from running into the side or top of the SCA along the cables).

3 M25 to 3/4" NPT adapter (MIC-M25XNPT34)

The conduit adapter (male M25 to female 3/4" NPT) (MIC-M25XNPT34) allows attachment of 3/4" NPT conduit that is popular in the North American region to MIC-DCA-Hx, MIC-DCA, and MIC-SCA mounts that have M25x1.5 threaded holes. This adapter is included with the following DCA models: MIC-DCA-HBA, MIC-DCA-HWA, and MIC-DCA-HGA. The adapter is manufactured from 316 stainless steel and includes a silicone O-ring that seals the adapter to the conduit adapter to an ingress rating of IP68.



4 Technical data

For product specifications of each accessory, see the datasheet “MIC Mounting Brackets and Other Accessories,” available on the appropriate product pages of the online product catalog from www.iqsight.com.

5

Support services and IQSIGHT Academy



Support

Access our **support services** at <https://www.iqsight.com/en/support/>.



IQSIGHT Academy

Visit the IQSIGHT Academy website and have access to **training courses, video tutorials** and **documents**: <https://academy.iqsight.com/sui/landingPage>.

IQSIGHT B.V.

Achtseweg Zuid 173
5651 GW Eindhoven
The Netherlands

www.iqsight.com

© IQSIGHT 2026



202606161723