MIC Mounting Brackets and Other Accessories

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BOSCH
Invented for life

▶ Full range of mounting brackets and other accessories.

▶ Designed to integrate seamlessly with the MIC family.

▶ Provides a best-fit solution for virtually any application.

▶ Easy to use and install.

▶ Accessories extend functionality.

Bosch Security Systems offers a range of mounting brackets and accessory products for the MIC family of cameras. The mounting brackets (for corner, wall, and pole mounting) are available in the standard colors of the MIC family. (Note: Not all colors of mounting brackets are available for all models of MIC cameras.) The accessories have been designed to work seamlessly with MIC cameras to extend their functionality for your application. This datasheet provides an overview of the available MIC accessories. The following accessories have their own datasheets:

- MIC power supplies
- MIC illuminators (for MIC7000 and MIC IP starlight 7000i models)
- MIC Alarm/Washer Interface (MIC-ALM-WAS-24)
- VIDEOJET connect 7000 (VJC-7000-90)
- High PoE Midspan models
- VG4-A-PSU series
- MIC composite cables

Also available is the Serial Protocol Software License (MVS-FCOM-PRCL), an e-license key for serial protocol for IP cameras such as MIC IP starlight 7000i and MIC IP fusion 9000i.

System overview

Mounting Accessories

Deep Conduit Adapter
The MIC Deep Conduit Adapter (MIC DCA) is designed to allow a weatherproof conduit or cable gland to be fitted to protect the signal cables. The MIC DCA, regardless of model, has two M25 holes, one in the base and one in the side.
An O-ring seals the camera-to-mount interface to an ingress rating of IP68.
Supplied hardware includes:

- Four (4) M8 x 20 stainless steel hex bolts
- Four (4) M8 stainless steel plain washers
- One (1) O-ring, 80 mm x 3 mm
- One (1) end cap/blanking plug, M25 x 1.5, with O-ring

Hinged DCA Models
The MIC Hinged DCA (MIC-DCA-Hx) is deeper than the conventional MIC-DCA and provides a convenient mounting point for a MIC IP starlight 7000 HD, a MIC IP starlight 7000i, or a MIC IP fusion 9000i camera. In specific regions, certain hinged models (MIC-DCA-HxA) include:

- One (1) conduit adapter (male M25 to female 3/4" NPT)

The hinge feature allows installers to "hang" the camera temporarily but securely during installation for easier connection of cables/wiring before final bolts are installed.

Although the hinge feature is only available when used with a MIC IP starlight 7000 HD, a MIC IP starlight 7000i, or a MIC IP fusion 9000i camera, this DCA is otherwise compatible also with MIC analog cameras.
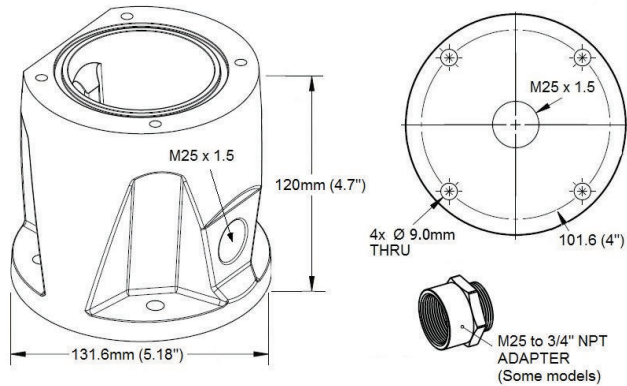

Conventional DCA Models
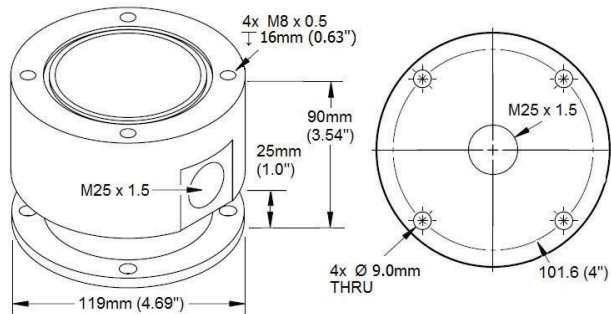
Wall Mount Bracket

The MIC Wall Mount Bracket (MIC-WMB) allows mounting on building walls. It also coordinates with a MIC Pole Mount Bracket (MIC-PMB) and a MIC Shallow Conduit Adapter (MIC-SCA) to allow mounting a MIC camera on a lamp post, scaffolding, or other non-standard mounting post. The MIC-WMB has a deep bowl to accommodate the signal cable connections.

An O-ring seals the camera-to-mount interface to an ingress rating of IP68.
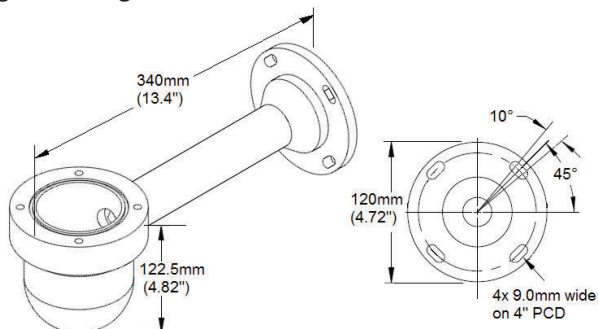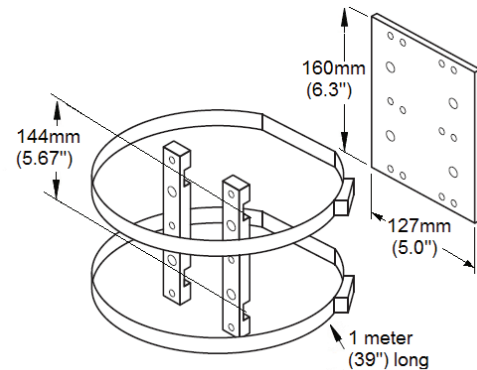

Supplied hardware includes:
- Four (4) M8 x 20 stainless steel hex bolts
- Four (4) M8 stainless steel plain washers
- One (1) O-ring, 80 mm x 3 mm

Pole Mount Bracket

The MIC Pole Mount Bracket (MIC-PMB) coordinates with a MIC-SCA and a MIC-WMB to allow mounting a MIC camera on a lamp post, scaffolding, or other non-standard mounting post. The MIC-PMB accommodates a wide range of diameters.
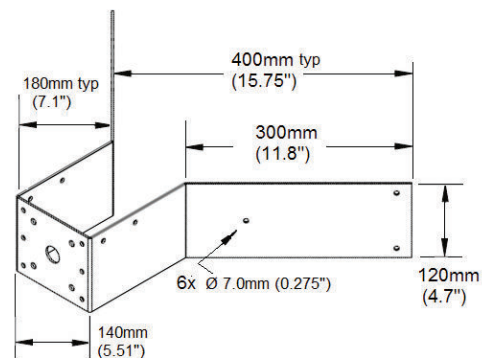

Supplied hardware includes:
- Four (4) M8 x 30 stainless steel cap head bolts
- Six (6) M6 x 20 stainless steel countersunk head bolts
- Two (2) high-torque stainless steel worm drive clips (banding straps), 1 m long
- Two (2) pole mount blocks
- One (1) mounting plate

Corner Mount Bracket

The MIC Corner Mount Bracket (MIC-CMB) coordinates with a MIC-SCA and a MIC-WMB to allow mounting a MIC camera on the corner of a building.
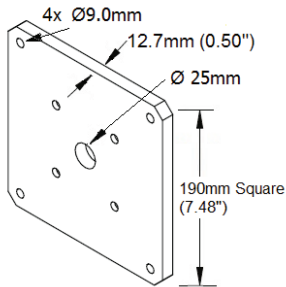

Supplied hardware includes:
- Four (4) M8 x 25 stainless steel hex bolts
- Four (4) M8 stainless steel plain washers
- Four (4) M8 stainless steel nuts

Spreader Plate

The MIC Spreader Plate (MIC-SPR) is used to spread the weight of a MIC camera and its supporting brackets so that the camera can be mounted securely to a flat masonry surface.
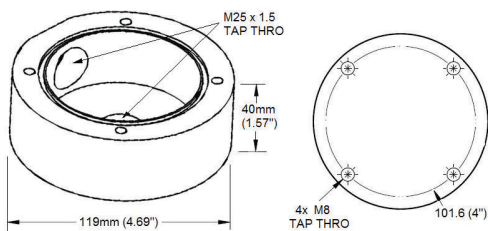
Supplied hardware includes:
- Four (4) M8 x 30 stainless steel cap head bolts
- Four (4) M8 stainless steel plain washers
- Four (4) M8 stainless steel nuts

Shallow Conduit Adapter

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.)

An O-ring seals the camera-to-mount interface to an ingress rating of IP68.

Supplied hardware includes:
- Four (4) M8 x 20 stainless steel hex bolts
- Four (4) M8 stainless steel plain washers
- One (1) O-ring, 80 mm x 3 mm
- One (1) end cap/blanking plug, M25 x 1.5, with O-ring

Other Hardware Accessories

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

The conduit adapter (male M25 to female 3/4" NPT) (MIC-M25XNPT34) allows attachment of ¾" 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.
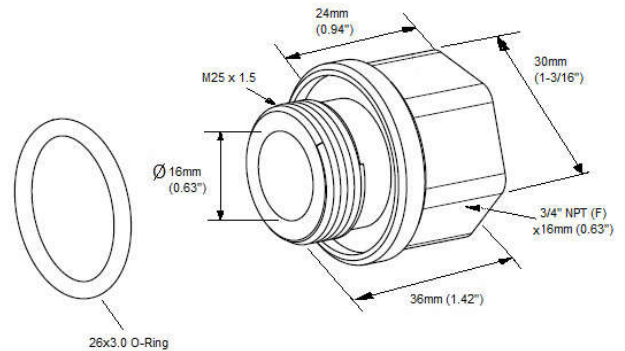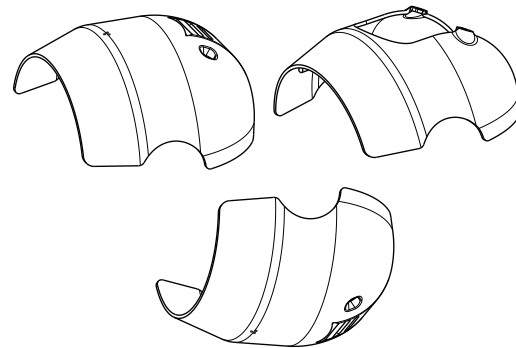
Sunshield Kits

Sunshield Kits are available for various MIC cameras. Each kit is designed to provide additional protection for the camera from direct solar radiation, particularly in sunny climates, by reflecting solar exposure, and by creating an insulating gap between the environment and the surface of the camera.

Sunshield Kit for MIC IP starlight 7000 HD and MIC IP starlight 7000i cameras

The Sunshield Kit for the MIC starlight cameras (MIC-67SUNSHLD) includes three (3) white, molded parts: a bottom shell, one top shell for a camera without an illuminator accessory, and one top shell for a camera with an illuminator accessory.
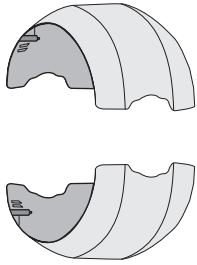
Supplied hardware includes:
- Two (2) M4 x 14 stainless steel socket head Torx screws
- Four (4) M4 x 8 stainless steel socket head Torx screws
- Four (4) M4 stainless steel flat washers

Sunshield Kit for MIC IP fusion 9000i cameras

The Sunshield Kit for MIC IP fusion 9000i cameras (MIC-9K-SNSHLD-W) includes two (2) white, molded shells that attach to the tilt head of the camera.

Supplied hardware includes:
• Four (4) M4 x 8 stainless steel socket head Torx screws
• Four (4) M4 stainless steel flat washers
Supplied hardware includes:
Supplied hardware includes:

Biphase Converters

The MIC Biphase converter cards allow up to eight MIC cameras to be interfaced with Bosch Biphase compatible equipment. The card translates Bosch Biphase protocol to RS-485, half duplex telemetry signals. It also allows the camera address to be set through its integrated DIP switch selector.
The **MIC-BP3** has its own enclosure (rated IP65) with its own power supply, which enables it to be used by MIC power supplies that do not have an available expansion slot.
The power supply for the MIC-BP3 includes a US plug, a European plug, and a UK plug.
The **MIC-BP4** is a plug-in card that fits into an available expansion slot within a non-infrared MIC power supply unit.

Alarm and Washer Pump Drive Card

The 8 Input Alarm Card (MIC-ALM) is designed to work with a MIC power supply with a free expansion slot. The MIC-ALM provides MIC cameras with eight alarm inputs, a washer pump drive function with test/pump priming capability and two additional relays, which can be configured to operate external equipment when an alarm signal is received. The card is compatible with non-infrared MIC power supply units. (The card cannot be used with a MIC IR power supply.)

Washer Kits

The MIC washer kits (MIC-WKT, MIC-WKT-IR) provide the necessary components to allow connection of a washer pump and water reservoir tank to a MIC camera, and control via the camera telemetry.
Supplied hardware includes:
  • One (1) washer jet nozzle
  • Two (2) mounting brackets for the washer jet nozzle
The MIC-WKT kit also includes a washer pump drive card (MIC-WSH), which fits into an empty expansion slot of the non-IR MIC power supply units and provides electrical connections, a washer pump relay, and a Push to Test / pump prime function.
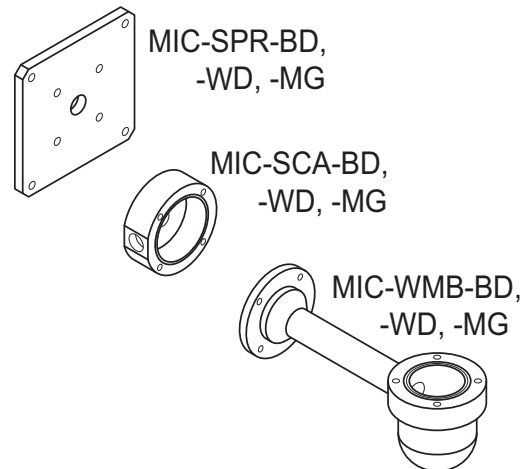**Note:** The washer pump drive function is built-in to the MIC infrared (IR) power supply units.

Certifications and approvals

Region	Regulatory compliance/quality marks	
Europe	CE	- MIC-9K-IP67-5PK

Installation/configuration notes

Typical Mounting Arrangement, Wall mount

MIC-SPR-BD, -WD, -MG

MIC-SCA-BD, -WD, -MG

MIC-WMB-BD, -WD, -MG

Typical Wall mount configuration
Not shown: Mounting hardware.

Typical Mounting Arrangement, Pole mount

MIC-WMB-BD, -WD, -MG

MIC-SCA-BD, -WD, -MG

MIC-PMB
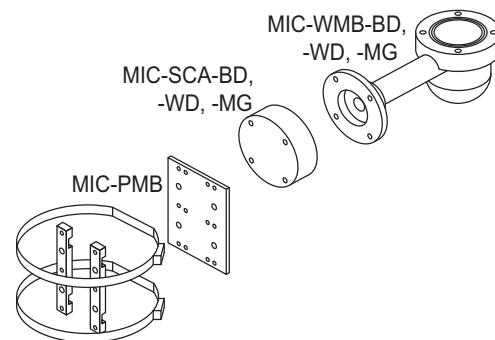
Typical Pole mount configuration
Not shown: Mounting hardware.

Typical Mounting Arrangement, Corner mount

MIC-CMB-BD, -WD, -MG

MIC-SCA-BD, -WD, -MG

MIC-WMB-BD, -WD, -MG
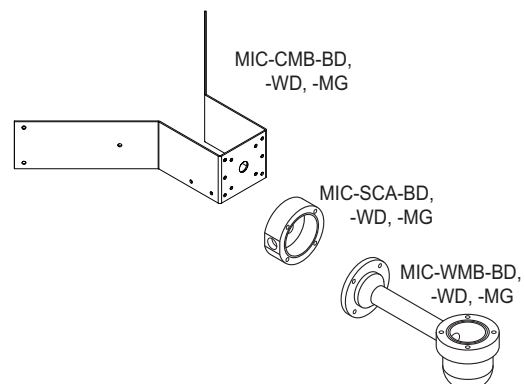
Typical Corner mount configuration

Not shown: Mounting hardware.

Typical Mounting Arrangement, hinged DCA

MIC-7130,
MIC-7230
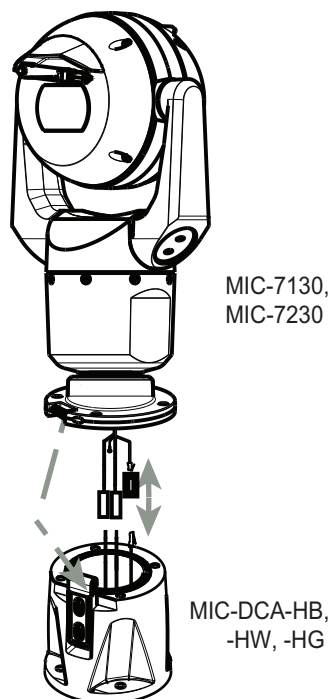
MIC-DCA-HB,
-HW, -HG

Typical hinged DCA mount configuration

Technical specifications

MIC Hinged DCA

Dimensions (H x W)	120 x 131.6 mm (4.7 x 5.18 in.)	
Weight	2.5 kg (5.5 lb)	
Material	solid aluminum with painted polyester finish as below	
	MIC-DCA-HB	Black (RAL 9005), sand finish
	MIC-DCA-HW	White (RAL 9010), sand finish
	MIC-DCA-HG	Grey (RAL 9006), sand finish (Available in specific regions only.)
	MIC-DCA-HBA	Black (RAL 9005), sand finish
	MIC-DCA-HWA	White (RAL 9010), sand finish
	MIC-DCA-HGA	Grey (RAL 9006), sand finish (Available in specific regions only.)

MIC Deep Conduit Adapter

Dimensions (H x D)	90 x 120 mm (3.5 x 4.7 in.)	
Weight	1.45 kg (3 lb)	
Material	solid aluminum with painted polyester finish as below:	
	MIC-DCA-BD	Black (RAL 9005), sand finish

	MIC-DCA-WD	White (RAL 9010) , sand finish
	MIC-DCA-GD	Grey (RAL 9006), sand finish

MIC Wall Mount Bracket

Dimensions (W x H x D)	340 x 124 x 120 mm (13 x 5 x 4.7 in.)	
Weight	1.95 kg (4.5 lb)	
Material	solid aluminum with painted polyester finish as below:	
	MIC-WMB-BD	Black (RAL 9005), sand finish
	MIC-WMB-WD	White (RAL 9010) , sand finish
	MIC-WMB-GD	Grey (RAL 9006), sand finish
	MIC-WMB-MG	Grey (RAL 7001), sand finish (Available in specific regions only.)

MIC Pole Mount Bracket (MIC-PMB)

Dimensions (W x H x D)	127 x 160 x 9.5 mm (25.375 with pole mount blocks fitted) (5 x 6 x 0.4 in.)
Weight	1.7 kg (3.75 lb)
Material	Mounting bracket, mounting blocks: Aluminum Banding straps: Stainless steel
Finish color	Clear anodized

MIC Corner Mount Bracket

Dimensions (W x H x D)	564 x 120 x 394 mm (23 x 4.7 x 15.5 in.)	
Weight	2.9 kg (6.5 lb)	
Material	solid aluminum with painted polyester finish as below:	
	MIC-CMB-BD	Black (RAL 9005), sand finish
	MIC-CMB-WD	White (RAL 9010), sand finish
	MIC-CMB-GD	Grey (RAL 9006), sand finish
	MIC-CMB-MG	Grey (RAL 7001), sand finish (Available in specific regions only.)

MIC Spreader Plate

Dimensions (W x H x D)	190 x 190 x 12.7 mm (7.5 x 7.5 x 0.5 in.)	
Weight	1.24 kg (2.7 lb)	
Material	solid aluminum with painted polyester finish as below:	
	MIC-SPR-BD	Black (RAL 9005), sand finish
	MIC-SPR-WD	White (RAL 9010), sand finish

	MIC-SPR-GD	Grey (RAL 9006), sand finish
	MIC-SPR-MG	Grey (RAL 7001), sand finish (Available in specific regions only.)

MIC Shallow Conduit Adapter

Dimensions (H x D)	40 x 120 mm (1.6 x 4.7 in.)	
Weight	0.78 kg (1.7 lb)	
Material	solid aluminum with painted polyester finish as below:	
	MIC-SCA-BD	Black (RAL 9005), sand finish
	MIC-SCA-WD	White (RAL 9010), sand finish
	MIC-SCA-GD	Grey (RAL 9006), sand finish
	MIC-SCA-MG	Grey (RAL 7001), sand finish (Available in specific regions only.)

Sunshield for MIC IP starlight 7000 HD and MIC IP starlight 7000i cameras (MIC-67SUNSHLD)

Dimensions (W x H x D)	mm x mm x mm (x x in.)
Weight	0.42 kg (14.8 oz) [all 3 pieces; only 2 pieces are installed on each camera]

Sunshield for MIC IP fusion 9000i thermal cameras (MIC-9K-SNSHLD-W)

Dimensions (W x H x D)	150 x 232 x 110 mm (5.9 x 9.1 x 4.3 in.)
Weight	0.40 kg (14 oz)

Biphase converters (MIC-BP3, MIC-BP4)

Dimensions (W x H x D)

• MIC-BP3 Enclosure	120 x 55 x 80 mm (4.7 x 2 x 3 in.)	
• MIC-BP3 (Card only)	60 x 10 x 70 mm (2.4 x 0.4 x 2.8 in.)	
• MIC-BP4 (Card)		

Weight

• MIC-BP3 (card + enclosure)	0.38 g (13 oz)
• MIC-BP4	0.035 g (1 oz)

Bi-phase Specifications	Shielded 2-wire, half-duplex, multi-drop, 5000 ft cable limit requires 18 AWG wire
Cable Type	Shielded Twisted Pair (STP)
Distance	Maximum 1524 m (5000 ft) (Belden 8760 recommended)
Transmission Rate	31.25 KHz

Gage	1.02 mm (18 AWG) (recommended; required for maximum distance)
Termination	110 Ω
Terminal Connector	Screw terminals
Voltage	4 Vpp

Alarm card (MIC-ALM)

Dimensions (W x H x D)	25 x 125 x 60 mm (1 x 5 x 2.4 in.)
Weight	61 g (2 oz)
Material	PCB Card
Alarm Inputs	8 with LEDs
Relays	2; Washer Pump Drive Function with prime/test button

Alarm/Washer card (MIC-WKT)

Dimensions (W x H x D)	125 x 25 x 60 mm (4.92 x 0.98 x 2.36 in.)
Weight	44 g (1.5 oz)

Ordering information

MIC-DCA-HB Deep conduit mount, M25 holes, black
DCA mount for MIC7000 and MIC IP fusion 9000i cameras. Aluminum. Two M25 holes for conduit/cable glands.
Black (RAL 9005) color.
Order number **MIC-DCA-HB**

MIC-DCA-HW Deep conduit mount, two M25 holes, white
DCA mount for MIC7000 and MIC IP fusion 9000i cameras. Aluminum. Two M25 holes for conduit/cable glands.
White (RAL 9010) color.
Order number **MIC-DCA-HW**

MIC-DCA-HG Deep conduit mountt, two M25 holes, grey
DCA mount for MIC7000 and MIC IP fusion 9000i cameras. Aluminum. Two M25 holes for conduit/cable glands.
Grey (RAL 7001) color. Available in specific regions only.
Order number **MIC-DCA-HG**

MIC-DCA-HBA Deep conduit mount, M25 holes, black
DCA mount for MIC7000 and MIC IP fusion 9000i cameras. Aluminum. Two M25 holes for conduit/cable glands. Includes an conduit adapter (male M25 to female 3/4" NPT). Available in specific regions only.
Black (RAL 9005) color.
Order number **MIC-DCA-HBA**

MIC-DCA-HWA Deep conduit mount, M25 holes,white
DCA mount for MIC7000 and MIC IP fusion 9000i cameras. Aluminum. Two M25 holes for conduit/cable glands. Includes an conduit adapter (male M25 to female 3/4" NPT). Available in specific regions only.
White (RAL 9010) color.
Order number **MIC-DCA-HWA**

MIC-DCA-HGA Deep conduit mount, M25 holes,grey
DCA mount for MIC7000 and MIC IP fusion 9000i cameras. Aluminum. Two M25 holes for conduit/cable glands. Includes an conduit adapter (male M25 to female 3/4" NPT). Available in specific regions only.
Grey (RAL 7001) color.
Order number **MIC-DCA-HGA**

MIC-WMB-BD Wall mount bracket , black
Wall mount bracket, black sand finish (RAL9005)
Order number **MIC-WMB-BD**

MIC-WMB-WD Wall mount bracket, white
Wall mount bracket, white sand finish (RAL9010)
Order number **MIC-WMB-WD**

MIC-WMB-GD Wall mount bracket , grey sand
Wall mount bracket, Grey (RAL 9006), sand finish, for MIC-612xxxxG36x series cameras
Order number **MIC-WMB-GD**

MIC-WMB-MG Wall mount for rugged PTZ camera, grey
Wall Mount Bracket.
Grey (RAL 7001). Available in specific regions only.
Sand finish.
Order number **MIC-WMB-MG**

MIC-PMB Pole mount bracket
Pole mount bracket (includes 2 x 455 mm stainless steel banding straps for pole diameters 75 to 145 mm)
Order number **MIC-PMB**

MIC-CMB-BD Corner mount bracket, black
Corner mount bracket, black sand finish (RAL9005)
Order number **MIC-CMB-BD**

MIC-CMB-WD Corner mount bracket, white
Corner mount bracket, white sand finish (RAL9010)
Order number **MIC-CMB-WD**

MIC-CMB-MG Corner mount bracket, grey sand
Corner mount bracket.
Grey (RAL 7001). Available in specific regions only.
Sand finish.
Order number **MIC-CMB-MG**

MIC-SPR-BD Wall mount spreader plate, black sand
Aluminum spreader plate suitable for brickwork surface mounting, black sand finish (RAL9005)
Order number **MIC-SPR-BD**

MIC-SPR-WD Wall mount spreader plate, white sand
Aluminum spreader plate suitable for brickwork surface mounting, white sand finish (RAL9010)
Order number **MIC-SPR-WD**

MIC-SPR-GD Wall mount spreader plate, grey sand
Aluminum spreader plate suitable for brickwork surface mounting, grey sand finish (RAL 9006), for MIC-612xxxxG36x series cameras
Order number **MIC-SPR-GD**

MIC-SPR-MG Wall mount spreader plate, grey sand
Aluminum spreader plate suitable for brickwork surface mounting.
Grey (RAL 7001). Available in specific regions only.
Sand finish.
Order number **MIC-SPR-MG**

MIC-SCA-BD Shallow conduit adapter, black sand
Shallow conduit adapter for a MIC-WMB, a MIC-PMB, or a MIC-SPR, black sand finish (RAL9005)
Order number **MIC-SCA-BD**

MIC-SCA-WD Shallow conduit adapter, white sand
Shallow conduit adapter for a MIC-WMB, a MIC-PMB, or a MIC-SPR mount, white sand finish (RAL9010)
Order number **MIC-SCA-WD**

MIC-SCA-GD Shallow conduit adapter, grey sand
Shallow conduit adapter for a MIC-WMB, a MIC-PMB, or a MIC-SPR, grey sand finish (RAL 9006), for MIC-612xxxxD36x series
Order number **MIC-SCA-GD**

MIC-SCA-MG Conduit adapter, shallow, grey sand
Shallow conduit adapter for a MIC-WMB, a MIC-PMB, or a MIC-SPR.
Grey (RAL 7001). Available in specific regions only. Sand finish.
Order number **MIC-SCA-MG**

MIC-M25XNPT34 Adapter, M25 to 3/4"NPT, stainless steel
Stainless Steel M25 to ¾" NPT thread adapter
Order number **MIC-M25XNPT34**

MIC-67SUNSHLD Sunshield for MIC7000 series, white
Three-part molded sunshield for MIC7000 cameras – 1 bottom shell, 2 top shells (1 for around the optional illuminator accessory). White.
Order number **MIC-67SUNSHLD**

MIC-9K-SNSHLD-W Sunshield thermal PTZ camera, white
Sunshield kit for MIC IP fusion 9000i cameras, white color. Recommended for use with white color MIC IP fusion 9000i cameras installed in locations with high sun load.
Order number **MIC-9K-SNSHLD-W**

MIC-BP3 Biphase converter, for power supply
Biphase converter for IR power supplies or non-IR power supplies without a free expansion slot available
Order number **MIC-BP3**

MIC-BP4 Biphase converter, for power supply
Biphase converter for non-IR versions of MIC series power supply units
Order number **MIC-BP4**

MIC-ALM 8 input alarm card for MIC400 non IR PSU
8 Input alarm and washer pump drive card for PSU (Not for IR PSU). Requires washer pump, purchase separately.
Order number **MIC-ALM**

MIC-WKT Washer kit, MIC non IR
Washer kit for non-infrared MIC camera models.
Order number **MIC-WKT**

MIC-WKT-IR Washer kit, MIC IR
Washer kit for analog infrared MIC camera models as well as for MIC IP starlight 7000i and MIC IP fusion 9000i camera models.
Order number **MIC-WKT-IR**