MIC Series Mounting Brackets and Other Accessories

www.boschsecurity.com

BOSCH
Invented for life

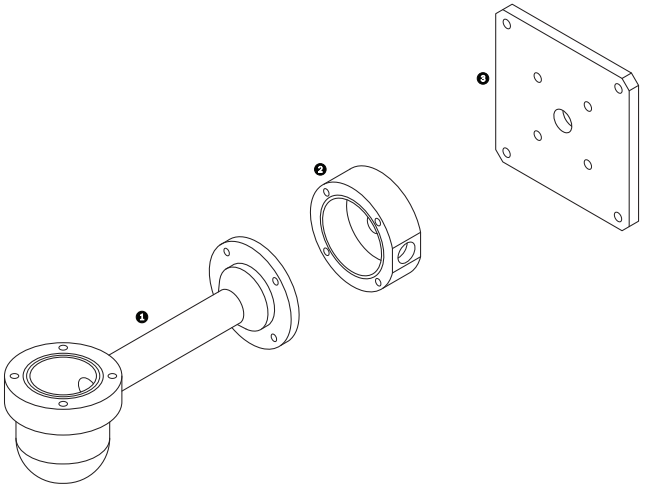


- Full range of mounting brackets and other accessories.
- Designed to integrate seamlessly with the MIC Series.
- Provides a best-fit solution for virtually any application.
- Easy to use and install.
- Accessories extend functionality.

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

System overview

Mounting Combination for MIC-WMB, MIC-SCA and MIC-SPR



Example Assembly: MIC-WMB, MIC-SCA, and MIC-SPR

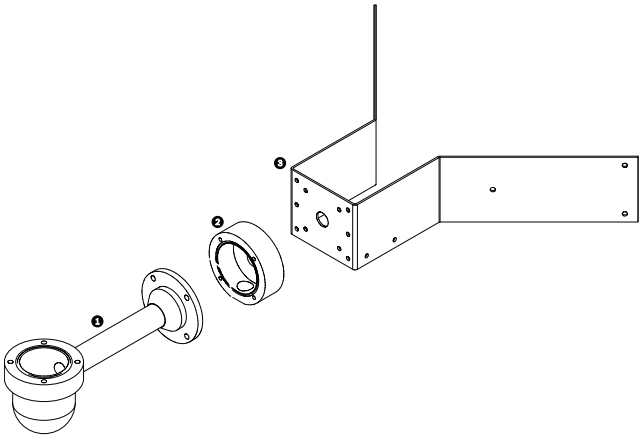
1 MIC-WMB

2 MIC-SCA

3 MIC-SPR

Not shown: Mounting hardware.

Mounting Combination for MIC-WMB, MIC-SCA and MIC-CMB



Example Assembly: MIC-WMB, MIC-SCA, MIC-CMB

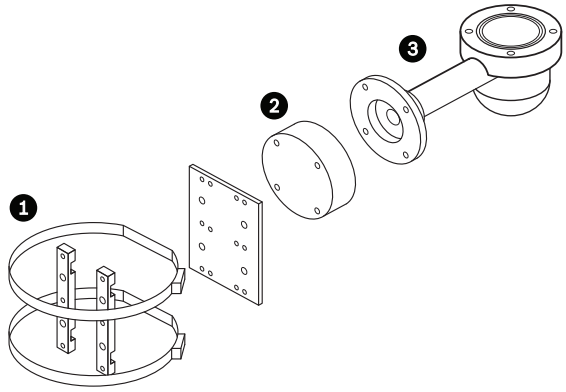
1 MIC-WMB

2 MIC-SCA

3 MIC-CMB

Not shown: Mounting hardware.

Mounting Combination for MIC-PMB, MIC-SCA and MIC-WMB



Example Assembly: MIC-PMB, MIC-SCA, MIC-WMB

1 MIC-PMB

2 MIC-SCA

3 MIC-WMB

Not shown: Mounting hardware.

Corner Mount Bracket
The MIC corner mount bracket (MIC-CMB) is combined with individual brackets to allow MIC Series cameras to be mounted on the corners of buildings. The MIC-CMB is manufactured from stainless steel and powder coated for maximum corrosion resistance.
Supplied hardware includes:

- four M8 x 25 stainless steel hex bolts
- four M8 stainless steel plain washers
- four M8 stainless steel nuts

Wall Mount Bracket
The MIC wall mount bracket (MIC-WMB) allows mounting on building walls, or with a pole mount bracket (MIC-PMB) and MIC-SCA to allow mounting on lamp posts, scaffolding, and other nonstandard mounting posts. The MIC-WMB is manufactured from solid aluminum or stainless steel. It provides a 4 in. pitched circle diameter (PCD) mounting position for the MIC camera and has a deep bowl to accommodate the composite cable and connector.
An O-ring provides a watertight seal to protect the cable connector. Supplied hardware includes:

- four M8 x 20 stainless steel hex bolts
- four M8 stainless steel plain washers
- one O-ring, 80 mm x 3 mm

Spreader Plate
The MIC spreader plate (MIC-SPR) is used to spread the weight of a MIC Series camera and its supporting brackets so that the camera can be mounted securely to flat masonry surfaces. The MIC-SPR is manufactured from aluminum plate and powder coated to the same standard as the MIC Series cameras. An unpainted stainless steel version is also available.
Supplied hardware includes:

- four M8 x 30 stainless steel cap head bolts
- four M8 stainless steel plain washers
- four M8 stainless steel nuts

Deep Conduit Adapter
The MIC deep conduit adapter (MIC-DCA) is designed to allow a weatherproof conduit to be fitted to protect the MIC composite cable. The MIC-DCA is machined from solid aluminum and provides a 4-in. pitched circle diameter (PCD) mounting position for the MIC camera. An O-ring provides a watertight seal to protect the electrical connectors on the camera base and the composite cable connector. The MIC-DCA has two M25 holes for conduit or cable glands to be fitted, one in the base and one side entry.
Supplied hardware includes:

- four M8 x 20 stainless steel hex bolts
- four M8 stainless steel plain washers
- one end cap M25 x 1.5, with O-ring
- one O-ring, 80 mm x 3 mm

Shallow Conduit Adapter
The MIC shallow conduit adapter (MIC-SCA) is used as required with other mounting brackets. The MIC-SCA has a single 25 mm 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 instead.) The MIC-SCA is machined from solid aluminum or stainless steel, and provides a 4-in. pitched circle diameter (PCD) mounting position. An O-ring provides a watertight seal to protect the composite cable.
Supplied hardware includes:

- four M8 x 20 stainless steel hex bolts

- four M8 stainless steel plain washers
- one end cap M25 x 1.5, with O-ring
- one O-ring, 80 mm x 3 mm

Pole Mount Bracket
The MIC pole mount bracket (MIC-PMB) is designed to work with a shallow conduit adapter (MIC-SCA) and a wall mount bracket (MIC-WMB) to allow MIC Series cameras to be mounted on lamp posts, scaffolding, and other nonstandard mounting posts with a wide range of diameters. The MIC-PMB is machined from clear anodized aluminum.
Supplied hardware includes:
- four M8 x 30 stainless steel cap head bolts
- six M6 x 20 stainless steel countersunk head bolts
- two high-torque stainless steel worm drive clips (banding straps), 1 m long
- two pole mount blocks
- mounting plate

MIC440 Sunshield
The MIC440 Sunshield is a two-part molding designed to provide additional protection against direct solar radiation by reflecting solar exposure, and creating an insulating gap between the environment and the surface of the camera. Supplied hardware includes:
- four (4) M6 x 12 stainless steel socket head screws

MIC Sunshield for MIC612 and MIC412
The MIC Sunshield for thermal cameras is a two-part molding, designed to provide additional protection against direct solar radiation, particularly in sunny climates.
Supplied hardware includes:
- eight 25 mm knurled stand-offs, M4 x 12 (external), M3 x 15 (internal) for MIC612)
- eight 28 mm smooth stand-offs, M4 x 12 (external), M3 x 15 (internal) (for MIC412)
- eight M3 x 10 stainless steel hex bolts
- eight M3 stainless steel plain washers

MICUSB485CVTR2 Converter
The MIC Series USB to RS-485 signal converter is a compact unit that communicates from a PC's USB port directly to MIC Series cameras via the telemetry connector in MIC Series power supplies. The converter allows connection between MIC cameras and either Bosch's Configuration Tool for Imaging Devices (CTFID) software (MIC550, MIC550IR, MIC612) or Bosch Universal Camera Setup Software ("Cam-set") (MIC models 400AL, 400IR, 400ST, 412, 440, and 500). Each software application provides full control of all camera setup and operation functions. The converter is an available accessory for Models MIC550, MIC550IR, MIC612, and later; CTFID is available for download from www.boschsecurity.com. The converter and CamSet software are supplied with MIC440 and MIC400ST.

Biphase Converters
The MIC Biphase converter cards allow up to eight MIC Series cameras to be interfaced with Bosch Biphase compatible equipment. The card translates Bosch Biphase protocol to RS485, 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 with its own power supply, which enables it to be used by MIC Series power supplies that do not have an available expansion slot.
The MIC-BP4 is a plug-in card that fits into an available expansion slot within a non-infrared MIC Series power supply unit.

MIC-ALM Alarm and Washer Pump Drive Card
The 8 Input Alarm Card (MIC-ALM) is designed to work with a MIC Series power supply with a free expansion slot. The MIC-ALM provides MIC Series 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 Series power supply units. (The card cannot be used with a MIC Series IR power supply.)

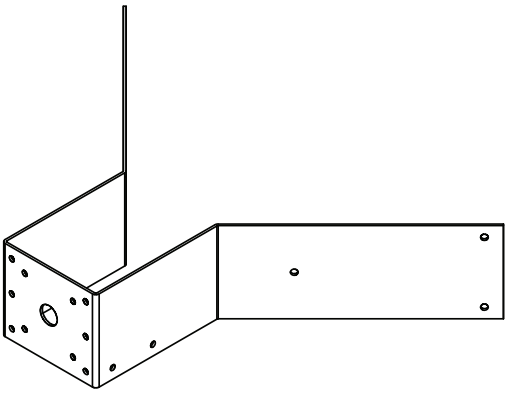
Washer Kits
The MIC Series washer kits (MIC-WKT, MIC-WKT-IR) provide the necessary components to allow connection of a washer pump and water reservoir tank (sold separately) to a MIC Series camera, and control via the camera telemetry. (The washer pump, water reservoir tank, and tubing are sold separately as Bosch washer kits (HAC-WAS05-20 and HAC-WAS30-50). For more information, see the washer kits datasheet for HSPS and MIC Series.)
Each MIC-WKT kit includes:
- washer pump drive card (MIC-WSH)
- washer jet nozzle
- two (2) mounting brackets for the washer jet nozzle

Each MIC-WKT-IR kit includes:
- washer jet nozzle
- two (2) mounting brackets for the washer jet nozzle

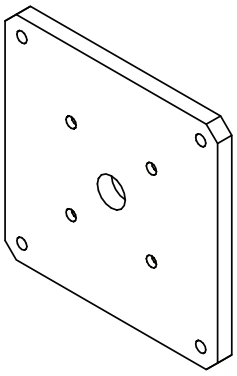
Note: The washer pump drive function is built-in to the MIC Series infrared (IR) power supply units.
The MIC-WSH washer pump drive card fits into an empty expansion slot of the non-infrared MIC Series power supply units and provides electrical connections, a washer pump relay, and a push to test / pump prime function.

Replacement Wiper Blades
The model MIC-RWB is a pivoting, metal-backed rubber wiper blade (36 mm x 13 mm x 3.5 mm) for MIC Series 400 cameras. Models MIC-412-RWAB (black) and MIC-412-RWAC (silver) are completely anodized aluminum wiper arms with a fixed long-life silicone wiper blade and associated hardware.

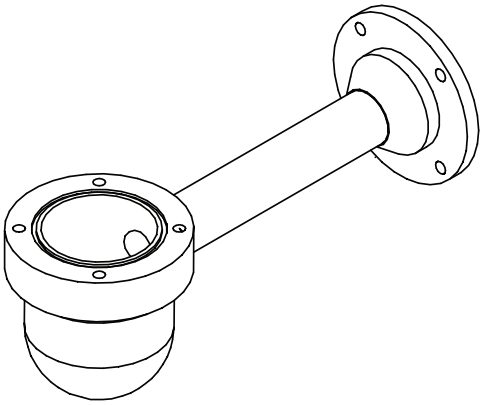
Installation/configuration notes



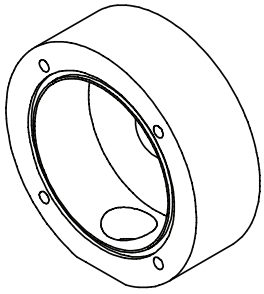
Corner Mount Bracket



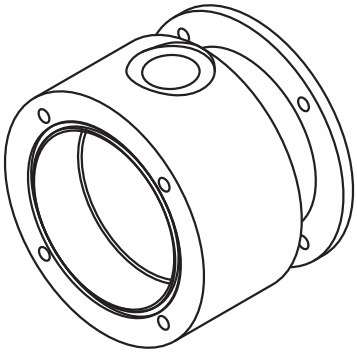
Spreader Plate



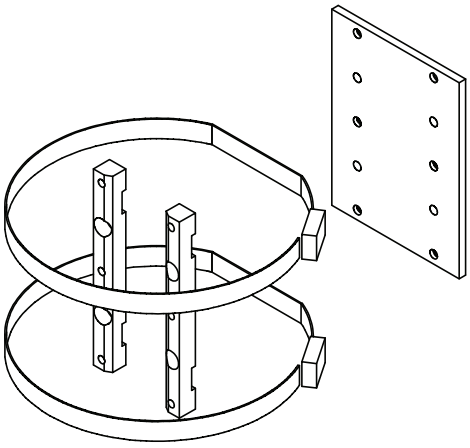
Wall Mount Bracket



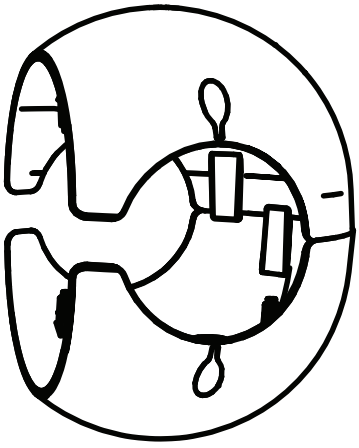
Shallow Conduit Adapter



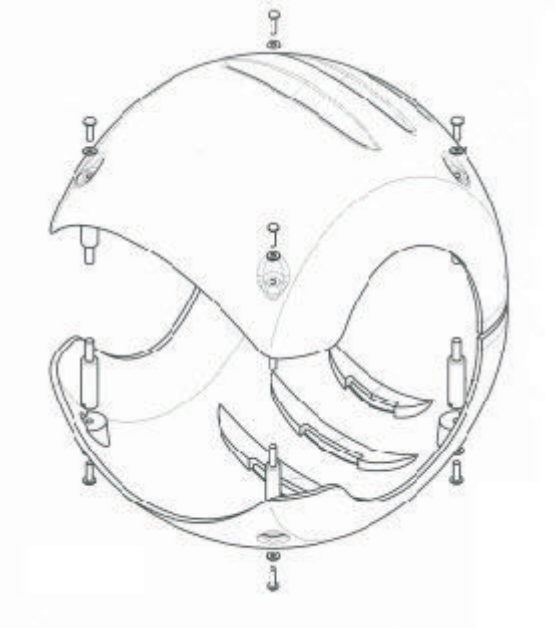
Deep Conduit Adapter



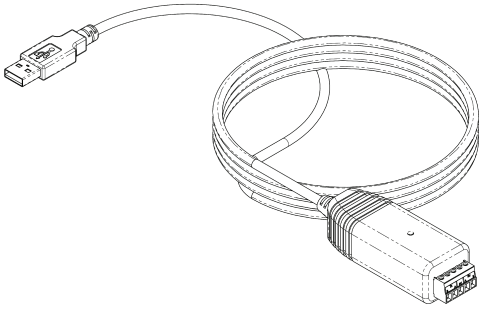
Pole Mount Bracket



MIC440 Sunshield



MIC612/MIC412 Sunshield



MICUSB485CVTR2

Technical specifications

Corner Mount Bracket		
Dimensions (W x H x D)	564 x 120 x 394 mm (23.4 x 4.7 x 15.5 in)	
Weight	2.9 kg (6.5 lb)	
Material	Stainless Steel, power coated, with painted polyester finish as below:	
	MIC-CMB	Black (RAL9005), leatherette finish
	MIC-CMB-W	White (RAL9003), leatherette finish
	MIC-CMB-S	Stainless Steel, plain finish
	MIC-CMB-BD	Black (RAL9005), sand finish
	MIC-CMB-WD	White (RAL9010), sand finish
	MIC-CMB-GD	Grey (RAL9006), sand finish
Wall Mount Bracket		
Dimensions (W x H x D)	340 x 124 x 120 mm (13.4 x 4.9 x 4.7 in)	
Weight	Aluminum: 1.95 kg (4.5 lb) Stainless Steel: 5.4 kg (13.5 lb)	
Material	Stainless Steel, or solid aluminum with painted polyester finish as below:	
	MIC-WMB-B	Black (RAL9005), leatherette finish
	MIC-WMB-W	White (RAL9003), leatherette finish
	MIC-WMB-S	Stainless Steel, plain finish
	MIC-WMB-BD	Black (RAL9005), sand finish
	MIC-WMB-WD	White (RAL9010), sand finish
	MIC-WMB-GD	Grey (RAL9006), sand finish
Spreader Plate		
Dimensions (W x H x D)	190 x 190 x 12.7 mm (7.48 x 7.48 x 0.5 in)	
Weight	Aluminum: 1.24 kg (2.73 lb) Stainless Steel: 3.72 kg (8.2 lb)	
Material	Stainless Steel, or aluminum, power coated, with painted finish as below:	
	MIC-SPR	Black (RAL9005), leatherette finish
	MIC-SPR-W	White (RAL9003), leatherette finish
	MIC-SPR-S	Stainless Steel, plain finish
	MIC-SPR-BD	Black (RAL9005), sand finish
	MIC-SPR-WD	White (RAL9010), sand finish
	MIC-SPR-GD	Grey (RAL9006), sand finish

Deep Conduit Adapter		
Dimensions (H x D)	90 x 120 mm (3.5 x 4.7 in)	
Weight	Aluminum: 1.45 kg (3.2 lb) Stainless Steel: 4.14 kg (9.13 lb)	
Material	Stainless Steel, or machined aluminum with painted finish as below:	
	MIC-DCA	Black (RAL9005), leatherette finish
	MIC-DCA-W	White (RAL9003), leatherette finish
	MIC-DCA-S	Stainless Steel, plain finish
	MIC-DCA-BD	Black (RAL9005), sand finish
	MIC-DCA-WD	White (RAL9010), sand finish
	MIC-DCA-GD	Grey (RAL9006), sand finish

Shallow Conduit Adapter		
Dimensions (H x D)	40 x 120 mm (1.6 x 4.7 in)	
Weight	Aluminum: 0.78 kg (1.72 lb) Stainless Steel: 2.22 kg (4.89 lb)	
Material	Stainless Steel, or solid aluminum with painted finish as below:	
	MIC-SCA	Black (RAL9005), leatherette finish
	MIC-SCA-W	White (RAL9003), leatherette finish
	MIC-SCA-S	Stainless Steel, plain finish
	MIC-SCA-BD	Black (RAL9005), sand finish
	MIC-SCA-WD	White (RAL9010), sand finish
	MIC-SCA-GD	Grey (RAL9006), sand finish

Pole Mount Bracket	
Dimensions (W x H x D)	127 x 160 x 9.5 mm (25.375 with pole mount blocks fitted) (5 x 6.30 x 0.374 in)
Weight	1.7 kg (3.75 lb)
Material	Mounting bracket, mounting blocks: Aluminum Banding straps: Stainless Steel
Finish color	Clear anodized

MIC612/412 Sunshield	
Dimensions (W x H x D)	184 mm x 188.5 mm x 125 mm
Weight	0.19 kg (0.42 lb)

MIC440 Sunshield	
Dimensions (W x H x D)	157 x 177 x 113 mm (6.18 x 6.97 x 4.45 in)
Weight	0.11 kg (0.24 lb)

MIC-USB485CVTR2	
Weight	0.293 kg
Max Current	100 mA
Isolation	None

Biphase converters	
Dimensions (W x H x D)	
• MIC-BP3 IP65 Enclosure	120 x 55 x 80 mm (4.72 x 2.17 x 3.15 in)
• MIC-BP3 Card	60 x 10 x 70 mm (2.36 x 0.39 x 2.76 in)
• MIC-BP4 Card	60 x 10 x 70 mm (2.36 x 0.39 x 2.72 in)
Weight	
• MIC-BP3 with Power Supply	381 g
• MIC-BP4	35.2 g
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	1524 m (5000 ft) Belden 8760 recommended
Transmission Rate	31.25 kHz
Gage	1.02 mm (18 AWG)
Termination	110 Ohm
Terminal Connector	Screw terminals
Voltage	4 Vpp

MIC-ALM	
Dimension (H x W x D)	25 x 125 x 60 mm (0.98 x 4.92 x 2.36 in)
Weight	61 g
Material	PCB Card
Alarm Inputs	8 with LEDs
Relays	2; Washer Pump Drive Function with prime/test button

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 (1.6 oz)

Wiper Blades	
MIC Series 400 cameras	
MIC-400-RWAB	Black

MIC-400-RWAC	Clear
MIC-400-RWAS	316L Stainless Steel
Dimensions	67 x 15 x 9 mm (2.64 x 0.59 x 0.35 in)
MIC Series 612 cameras	
MIC-412-RWAB	Black
MIC-412-RWAC	Clear
Dimensions	104 x 12.7 x 9 mm (4.09 x 0.5 x 0.35 in)
MIC Series 440 cameras	
MIC-440-RWAB	Black
MIC-440-RWAC	Clear
Dimensions	95 x 12.4 x 9 mm

Ordering information

MIC-CMB Corner Mount Bracket
Corner mount bracket - black leatherette finish RAL9005
Order number **MIC-CMB**

MIC-CMB-W Corner Mount Bracket, White
Corner mount bracket, white leatherette finish (RAL9003)
Order number **MIC-CMB-W**

MIC-CMB-S Corner Mount Bracket, Stainless Steel
Corner mount bracket, grade 316 stainless steel
Order number **MIC-CMB-S**

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-GD Corner Mount Bracket, Grey
Corner mount bracket, grey sand finish (RAL 9006)
Order number **MIC-CMB-GD**

MIC-WMB-B Wall Mount Bracket, Black
Wall mount bracket, black leatherette finish (RAL9005)
Order number **MIC-WMB-B**

MIC-WMB-W Wall Mount Bracket, White
Wall mount bracket, white leatherette finish (RAL9003)
Order number **MIC-WMB-W**

MIC-WMB-S Wall Mount Bracket, Stainless Steel
Wall mount bracket, grade 316 stainless steel (Requires MIC-SPR or MIC-PMB for secure mounting because of weight.)
Order number **MIC-WMB-S**

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
Wall mount bracket, grey sand finish (RAL9006)
Order number **MIC-WMB-GD**

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-SPR Spreader Plate
Aluminum spreader plate suitable for brickwork surface mounting – black leatherette finish RAL9005
Order number **MIC-SPR**

MIC-SPR-W Spreader Plate, White
Aluminum spreader plate suitable for brickwork surface mounting, white leatherette finish (RAL9003)
Order number **MIC-SPR-W**

MIC-SPR-S Spreader Plate, Stainless Steel
316L stainless steel spreader plate suitable for brickwork surface mounting, plain finish
Order number **MIC-SPR-S**

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

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

MIC-SPR-GD Spreader Plate, Grey
Aluminum spreader plate suitable for brickwork surface mounting, grey sand finish (RAL 9006)
Order number **MIC-SPR-GD**

MIC-DCA-B Deep Conduit Adapter, Black
Deep conduit adapter for 4 in. PCD base - black leatherette finish, RAL9005
Order number **MIC-DCA**

MIC-DCA-W Deep Conduit Adapter, White
Deep conduit adapter for 4 in. PCD base - white leatherette finish RAL9003
Order number **MIC-DCA-W**

MIC-DCA-S Deep Conduit Adapter, Stainless Steel
Deep conduit adapter for 4 in. PCD base - grade 316 stainless steel, plain finish
Order number **MIC-DCA-S**

MIC-DCA-BD Deep Conduit Adapter, Black
Deep conduit adapter for 4 in. PCD base, black sand finish (RAL9005)
Order number **MIC-DCA-BD**

MIC-DCA-WD Deep Conduit Adapter, White
Deep conduit adapter for 4 in. PCD base, white sand finish (RAL9010)
Order number **MIC-DCA-WD**

MIC-DCA-GD Deep Conduit Adapter, Grey
Deep conduit adapter for 4 in. PCD base, grey sand finish (RAL 9006)
Order number **MIC-DCA-GD**

MIC-SCA-B Shallow Conduit Adapter, Black
Shallow conduit adapter for 4 in. PCD base - black, leatherette finish, RAL9005
Order number **MIC-SCA**

MIC-SCA-W Shallow Conduit Adapter, White
Shallow conduit adapter for 4 in. PCD base - white, leatherette finish, RAL9003
Order number **MIC-SCA-W**

MIC-SCA-S Shallow Conduit Adapter, Stainless Steel
Shallow conduit adapter for 4 in. PCD base - grade 316 stainless steel, plain finish
Order number **MIC-SCA-S**

MIC-SCA-BD Shallow Conduit Adapter, Black
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
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
Shallow conduit adapter for a MIC-WMB, a MIC-PMB, or a MIC-SPR, grey sand finish (RAL 9006)
Order number **MIC-SCA-GD**

MICUSB485CVTR2 USB to RS485 Signal Converter
USB to RS485 signal converter to allow MIC Series cameras to connect to a PC, supplied with each camera
Order number **MICUSB485CVTR2**

MIC-BP3 Biphase Converter
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
Biphase converter for non-IR versions of MIC series power supply units
Order number **MIC-BP4**

MIC-516ALM Alarm Card
8 Input alarm card for MIC-516KBD
Order number **MIC-516ALM**

MIC-ALM Alarm and Washer Pump Drive Card
8 Input alarm and washer pump drive card for PSU (Not for IR PSU)
Order number **MIC-ALM**

MIC-WKT Washer Kit
Washer kit for non infrared MIC models (includes washer pump drive card, washer nozzle and mounting brackets for wall and 4 in. PCD base)
Order number **MIC-WKT**

MIC-WKT-IR Washer Kit
Washer kit for infrared power supplies only (includes washer nozzle and mounting brackets for wall or 4 in. PCD base)
Order number **MIC-WKT-IR**

MIC-WNB-WMB Washer Nozzle
Spare washer nozzle mounting bracket for wall bracket
Order number **MIC-WNB-WMB**

MIC-RWB Replacement Wiper Blade
Replacement wiper blade (single) for MIC Series 400(AL, Stainless) cameras only
Order number **MIC-RWB**

MIC-400-RWAB Replacement Wiper Assembly for MIC400, Black
Replacement silicone wiper assembly (single wiper blade and associated hardware) for MIC400 cameras; black.
Order number **MIC-400-RWAB**

MIC-400-RWAC Replacement Wiper Assembly for MIC400, Silver
Replacement silicone wiper assembly (single wiper blade and associated hardware) for MIC400 cameras; silver.
Order number **MIC-400-RWAC**

MIC-400-RWAS Replacement Wiper Assembly, Stainless Steel
Replacement silicone wiper assembly (single wiper blade and associated hardware) for MIC400 cameras; stainless steel.
Order number **MIC-400-RWAS**

MIC-412-RWAB Replacement Wiper Assembly for MIC612 and MIC412, Black
Replacement silicone wiper assembly (single wiper blade and associated hardware) for MIC612 and MIC412 cameras; black.
Order number **MIC-412-RWAB**

MIC-412-RWAC Replacement Wiper Assembly for MIC612 and MIC412, Silver
Replacement silicone wiper assembly (single wiper blade and associated hardware) for MIC612 and MIC412 cameras; silver.
Order number **MIC-412-RWAC**

MIC412SUNSHIELD Sunshield Kit for MIC612 and MIC412, White
Sunshield kit for the MIC412 cameras; white.
Order number **MIC412SUNSHIELD**

MIC440 Sunshield
Sunshield for the MIC440 camera.
Order number **MIC440SUNSHIELD**

MICTHERSUNSHLD
Sunshield kit for MIC Thermal Cameras, white
Order number **MICTHERSUNSHLD**

Represented by:

Americas:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:
Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:
Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
al.securitysystems@bosch.com
www.boschsecurity.com

© Bosch Security Systems 2013 | Data subject to change without notice
2279980683 | en, V8, 13. Mar 2013