

MIC Series 500 Professional



- ► Rated to an industry leading IP68
- Multiple camera programming through Camset software
- Many mounting and viewing options
- Easy set-up and configuration through the powerful on-screen display
- ► Multi-protocol operation
- ► On-site canting ability
- ► Ultra long-life silicone wiper
- Powerful privacy masking allowing over 900 separate masked zones

The MIC Series 500 Professional combines cutting-edge technology with the latest production techniques to provide a class-leading feature set in an economical package. The MIC Series 500 Professional range takes high quality surveillance to new levels of excellence.

As a best-fit camera for virtually any security application, it can be installed in the harshest of environments. Thanks to its IP68-rated aluminum casing, the MIC Series 500 Professional functions perfectly in the most demanding conditions. This tough casing provides protection from the elements and physical attack. Coupled with an optically perfect flat viewing window, integrated long life silicone wiper and a reversible rain shield, ensures high quality images regardless of the installed environment.

The brushless-motor technology offers ultra-reliable, whisper-quiet operation with full 360° continuous rotation pan and 267° tilt control for exceptional viewing capability. Small increment pan/tilt speeds from just 0.2° per second to 120° per second gives the user precise control. This speed control is especially important when used with video analytic systems, particularly for tracking subjects when fully zoomed in.

On-screen menus allow camera set-up from the control room via a remote keyboard. The MIC Series 500 Professional is compatible with all leading control systems and has a wide choice of protocols available.

A choice of true day/night camera modules offering up to 36x optical zoom (12x digital) are available, providing 540 TV lines (PAL) or 520 TV lines (NTSC). Preset positions, preset tours and random tours ensure flexible surveillance options.

The integrated privacy card provides over 900 individual privacy masks, with a choice of mask styles, for use in high density residential applications. Each mask changes size smoothly and quickly to ensure the covered target cannot be seen.

The MIC Series 500 Professional features twist-lock canting functionality. This allows the camera to be securely canted on-site at 45° for pole mount applications allowing the base of the pole to be viewed. The sheer flexibility of mounting options allows the camera to be installed upright, inverted or canted to achieve the perfect field of view.

Functions

Rated to an industry leading IP68

With no dust ingress and the ability to withstand sustained periods of immersion under water, the MIC Series 500 Professional is perfectly suited for installation in even the most unforgiving environments.

Brushless motor technology

Ultra-reliable brushless motors provide whisper-quiet operation and smooth control.

Host of mounting and viewing options

Faultless operation in upright, inverted or canted positions gives the user a host of mounting and viewing possibilities. The twist-lock canting feature allows the MIC Series 500 Professional to be canted to 45° on site. This allows, for example, the base of the pole to be viewed in upright pole-mounted applications.

Sophisticated privacy masking

The integrated privacy card allows for over 900 individual privacy masks, with a choice of mask styles, to be programmed.

Easy set-up

Camera settings can be adjusted via the on-screen menu from a control room via a remote keyboard.

Multi-protocol operation

Compatible with virtually any control equipment available today, the MIC Series 500 Professional seamlessly integrates with the vast majority of security systems.

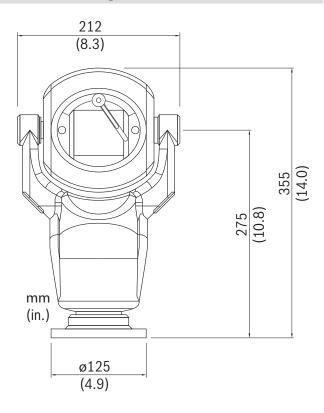
Applications:

- General CCTV
- Town centers
- ANPR systems
- Vandalism prone areas
- Extreme environments
- Rapid deployment
- High security
- Prestigious developments
- Broadcast
- Marine/costal
- Architectural

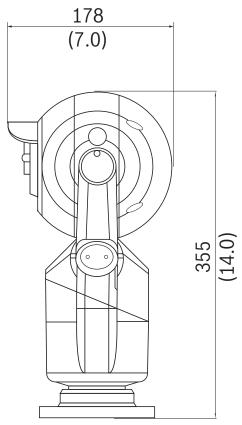
Certifications and Approvals

Electromagnetic Compatibility (EMC)	Complies with FCC Part 15, ICES-003, and CE regulations, including EN50130-4 and EN61000-3-2 & 3-3 and EN55022
Product Safety	Complies with CE regulations, UL, EN, and IEC Standards 60950-1 & 22
Weatherproofing	IP68

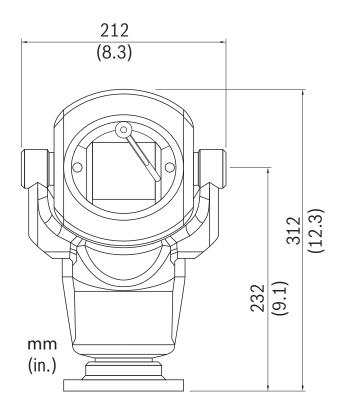
Installation/Configuration Notes



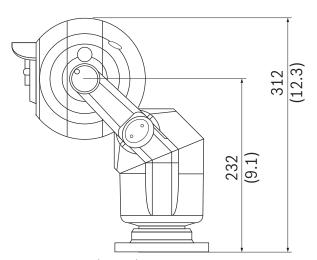
Front Detail, 90° (straight)



Side Detail, 90° (straight)



Front Detail, 45° (canted)



Side Detail, 45° (canted)

Camera Module sets Image Sensor 1/4 in. Exview CCD (WDR) On-screen Menu Most camera functions can be accessed through the on-screen menu Horizontal Resolution \$40 TVL PAL (wide) Communication and Protocols Filter Automatic mechanical IR cut filter Communication RS 485 / RS 422 Focus System Auto or manual Communication RS 485 / RS 422 Synchronization Internal / External (V-Lock) FV and Bosch protocols pre-installed. Twin protocol packs including FV/Pelco, FV/VCL, FV/American Dynamics and FV/Pelacy, FV/VCL,	Technical Specific	cations	Preset Titles	20-character caption for each of the 64 pre-
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Note Section Note Section		-3 to 28 dB, 2 dB steps		
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Weight	7 kg (15.43 lb) including 4 in. pitch circle diameter (PCD) base
Canting	Twist Lock canting secured by two security screws
Environmental	
Operating Temperature (with heater)	-30 °C to +60 °C (-22 °F to +140 °F)
Weatherproofing	IP68
Electrical	
Input Voltage	18 VAC
Power Consumption	25 W max. without heater; 36 W max. with heater on
Options	
Camera Module	18x camera module or 36x camera module
Camera Color System	NTSC or PAL
Camera Color System Telemetry Control Card	NTSC or PAL Built-in
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Telemetry Control Card	Built-in
Telemetry Control Card Window Wiper	Built-in Standard Optional washer kit (MIC-WKT Kit with washer
Telemetry Control Card Window Wiper Washer Drive	Built-in Standard Optional washer kit (MIC-WKT Kit with washer pump drive)
Telemetry Control Card Window Wiper Washer Drive Heater	Built-in Standard Optional washer kit (MIC-WKT Kit with washer pump drive) Standard Privacy card with up to 959 masks, fitted as

Ordering Information			
MIC-500-ALB18N MIC Series 500 Professional 18x NTSC Camera, Black 18x, NTSC, PTZ camera, black, with an integrated wiper, heater, and privacy function	MIC-500-ALB18N		
MIC-500-ALB18P MIC Series 500 Professional 18x PAL Camera, Black 18x, PAL, PTZ camera, black, with an integrated wiper, heater, and privacy function	MIC-500-ALB18P		
MIC-500-ALB36N MIC Series 500 Professional 36x NTSC Camera, Black 36x, NTSC, PTZ camera, black, with an integrated wiper, heater, and privacy function	MIC-500-ALB36N		
MIC-500-ALB36P MIC Series 500 Professional 36x PAL Camera, Black 36x, PAL, PTZ camera, black, with an integrated wiper, heater, and privacy function	MIC-500-ALB36P		
MIC-500-ALW18N MIC Series 500 Professional 18x NTSC Camera, White 18x, NTSC, PTZ camera, white, with an integrated wiper, heater, and privacy function	MIC-500-ALW18N		

Ordering Information	
MIC-500-ALW18P MIC Series 500 Professional 18x PAL Camera, White 18x, PAL, PTZ camera, white, with an integrated wiper, heater, and privacy function	MIC-500-ALW18P
MIC-500-ALW36N MIC Series 500 Professional 36x NTSC Camera, White 36x, NTSC, PTZ camera, white, with an integrated wiper, heater, and privacy function	MIC-500-ALW36N
MIC-500-ALW36P MIC Series 500 Professional 36x PAL Camera, White 36x, PAL, PTZ camera, white, with an integrated wiper, heater, and privacy function	MIC-500-ALW36P
Accessories	
MIC-24PSU-UL 24 VAC Camera Power Supply 24 VAC, 50/60 Hz power supply for MIC Ser- ies cameras	MIC-24PSU-UL
MIC-115PSU-UL 115 VAC Camera Power Supply 115 VAC, 60 Hz power supply for MIC Series cameras	MIC-115PSU-UL
MIC-240PSU-UL 240 VAC Camera Power Supply 240 VAC, 50 Hz power supply for MIC Series cameras	MIC-240PSU-UL
MIC-ALM Alarm and Washer Pump Drive Card 8 Input alarm and washer pump drive card for PSU (Not for IR PSU)	MIC-ALM
MIC-BP4 Biphase Converter BiPhase converter for non-IR versions of MIC series power supply units	MIC-BP4
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	MICUSB485CVTR2
MIC-501KBD Keyboard Controller Keyboard controller with 3-axis joystick for 1 camera (FV PROTOCOL ONLY)	MIC-501KBD
MIC-516KBD Keyboard Controller Keyboard controller with 3-axis joystick for 1 to 16 cameras (FV PROTOCOL ONLY)	MIC-516KBD
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)	MIC-WKT
HAC-WAS05-20 24 VAC Washer 24 VAC washer inst. 5M 25L	HAC-WAS05-20
HAC-WAS05-50 230 VAC Washer 230 VAC washer inst. 5M 25L	HAC-WAS05-50
HAC-WAS30-50 230 VAC Washer 230 VAC washer inst. 30M 25L	HAC-WAS30-50

Ordering Information	
MIC-DCA-WD Deep Conduit Adapter Deep conduit adapter for 4 in. PCD base - white sand finish, RAL9010	MIC-DCA-WD
MIC-DCA-BD Deep Conduit Adpater Deep conduit adapter for 4 in. PCD base - black sand finish, RAL9005	MIC-DCA-BD
MIC-SCA-WD Shallow Conduit Adaptor Adapter for a MIC-WMB, a MIC-PMB, or a MIC-SPR mount, white sand finish, RAL9010	MIC-SCA-WD
MIC-SCA-BD Shallow Conduit Adapter Adapter for a MIC-WMB, a MIC-PMB, or a MIC-SPR mount, black sand finish, RAL9005	MIC-SCA-BD
MIC-SPR-WD Spreader Plate Aluminum spreader plate suitable for brickwork surface mounting – white sand finish RAL9010	MIC-SPR-WD
MIC-SPR-BD Spreader Plate Aluminum spreader plate suitable for brickwork surface mounting – black sand finish RAL9005	MIC-SPR-BD
MIC-CMB-WD Corner Mount Bracket Corner mount bracket - white sand finish RAL9010	MIC-CMB-WD
MIC-CMB-BD Corner Mount Bracket Corner mount bracket - black sand finish RAL9005	MIC-CMB-BD
MIC-WMB-WD Wall Mount Bracket Wall mount bracket - white sand finish RAL9010	MIC-WMB-WD
MIC-WMB-BD Wall Mount Bracket Wall mount bracket - black sand finish RAL9005	MIC-WMB-BD
MIC-PMB Pole Mount Bracket Pole mount bracket (includes 2 x 455 mm banding ties for pole diameters 75 to 145 mm)	MIC-PMB
MIC-2M-S 2 m Shielded Composite Cable Shielded Composite 2 m cable that provides power, telemetry and video connection from a MIC Series camera to a MIC Series power supply	MIC-2M-S
MIC-10M-S 10 m Shielded Composite	MIC-10M-S

Ordering Information

MIC-20M-S 20 m Shielded Composite Cable

MIC-20M-S

Shielded Composite 20 m cable that provides power, telemetry and video connection from a MIC Series camera to a MIC Series power supply

MIC-25M-S 25 m Shielded Composite Cable

MIC-25M-S

Shielded Composite 25 m cable that provides power, telemetry and video connection from a MIC Series camera to a MIC Series power supply

Cable

power supply

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

5600 JB Eindhoven, The Netherlands Phone: + 31 40 2577 284 Fax: +31 40 2577 330 emea.securitysystems@bosch.com www.boschsecurity.com

Asia-Pacific: Repr Robert Bosch (SEA) Pte Ltd, Security Systems 11 Bishan Street 21 Singapore 573943 Phone: 465 6258 5511 Fax: 465 6571 2698 Represented by apr.securitysystems@bosch.com www.boschsecurity.com

Shielded Composite 10 m cable that provides power, telemetry and video connection from a MIC Series camera to a MIC Series