

# Introduction to the Bosch CCTV systems&solutions



## Metal Mickey Camera ordering tool

**Bosch Security Systems offers the highest quality safety, security and communication products, enabling you to realize a low cost of ownership and trouble-free operation for the total life cycle and fulfill your needs for safety and security**



## Choose your MIC

# MIC camera ordering in few steps...



## Choose your MIC

### Ordering a MIC

- As a **minimum** you have to select 3 items, i.e. 3 part numbers:
  - A camera model
  - A power supply
  - A cable
  
- Additional accessories are available, for example:
  - Mounting brackets
  - Washer kit
  - ...
  
- Please refer to each camera datasheet for detailed information



## Choose your MIC

### STEP 1: camera selection

- Please select the right part number by going through the next 2 pages and steps:
- Choose camera head
  - Choose colour
  - Choose configuration
  - Choose protocol
  - Choose wiper
  - Choose Heater
  - Choose Privacy
  - Choose Zoom
  - Choose PAL/NTSC



# Choose your MIC



	Part No	MIC1-400 range - camera heads
<b>Step 1 Choose camera head</b>	MIC400AL	¼" PTZ, 470TVL, 18x or 36x day/night camera, IP68, built-in telemetry, choice of protocols, aluminium case
	MIC400IR	¼" PTZ with twin 850nm Black Diamond IR illuminators featuring , 470TVL, 18x or 36x day/night camera, IP68, built-in telemetry, choice of protocols, aluminium case
	MIC400PA	¼" PTZ with twin speakers, 470TVL, 18x or 36x day/night camera, IP68/66, built-in telemetry, choice of protocols, aluminium case
	MIC400ST	¼" PTZ, 470TVL, 18x or 36x day/night camera, IP68, built-in telemetry, choice of protocols, grade 316 stainless steel case
	MIC400UL	¼" PTZ, 470TVL, 18x or 36x day/night camera, IP68, built-in telemetry, choice of protocols, aluminium case - suitable for immersion up to 25 meters
	MIC400UT	¼" PTZ, 470TVL, 18x or 36x day/night camera, IP68, built-in telemetry, choice of protocols, stainless steel case suitable for immersion up to 25 meters
<b>Step 2 Choose colour</b>	Part No	MIC1-400 range - colours
	B	Black - RAL9005 (not available on ST or UT)
	G	Grey - RAL7001 (not available on ST or UT)
	W	White - RAL9003 (not available on ST or UT)
	S	Stainless steel - natural metal (ST and UT only)
	Z	Special colour - please contact us to discuss options (not available on ST or UT)
<b>Step 3 Choose configuration</b>	Part No	MIC1-400 range - configuration
	U	Upright mount (can be software inverted)
	C	Canted mount



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# Choose your MIC

	Part No	MIC1-400 range - protocols
<b>Step 4 Choose protocol</b>	A	American Dynamics
	E	Ernitech
	W	Forward Vision
	K	Kalatel
	M	Molynx
	N	Panasonic
	D	Pelco P/D
	P	Bosch
	L	VCL
V	Vicon	
	Part No	MIC1-400 range - wiper
<b>Step 5 Choose colour</b>	1	Wiper (not available on UL or UT)
	2	No wiper
	Part No	MIC1-400 range - heater
<b>Step 6 Choose heater</b>	3	Heater
	4	No heater
	Part No	MIC1-400 range - privacy
<b>Step 7 Choose heater</b>	5	Privacy
	6	No privacy
	Part No	MIC1-400 range - camera
<b>Step 8 Choose camera</b>	18	18x camera module
	36	36x camera module
	Part No	MIC1-400 range - camera format
<b>Step 9 Choose format</b>	P	PAL format camera module
	N	NTSC format camera module



## Choose your MIC

### STEP 2: power supply

- As a standard
  - MIC-240PSU for 240V or MIC-115PSU for 120V
  - MIC-24PSU for 24V input
  - Can accommodate 2 optional cards like alarm card or Biphase
  
- For IR and PA cameras
  - MIC-IR-240PSU for 240V or MIC-IR-115PSU for 120 V
  - MIC-IR-24PSU for 24V
  - contains the washer card and alarm card



## Choose your MIC

### STEP 2: power supply

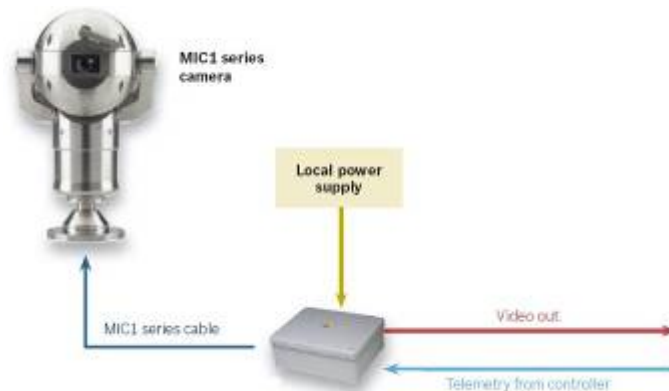
- Biphase card:
  - MIC-BP4 bi phase for standard PSU
  - MIC-BP3 bi phase for IR and PA PSU
  
- Washer card = in the washer kit for the standard camera (MIC-WKT), part of the PSU for the IR camera
  
- Alarm card:
  - for any standard PSU MIC-ALM (8 inputs 2 outputs)
  - IR PSU's contain it by default



## Choose your MIC

### STEP 3: select your cable

- Adding a cable is mandatory since the MIC is using a special connector to provide easiest installation thanks to a single cable carrying Video + Control + Power

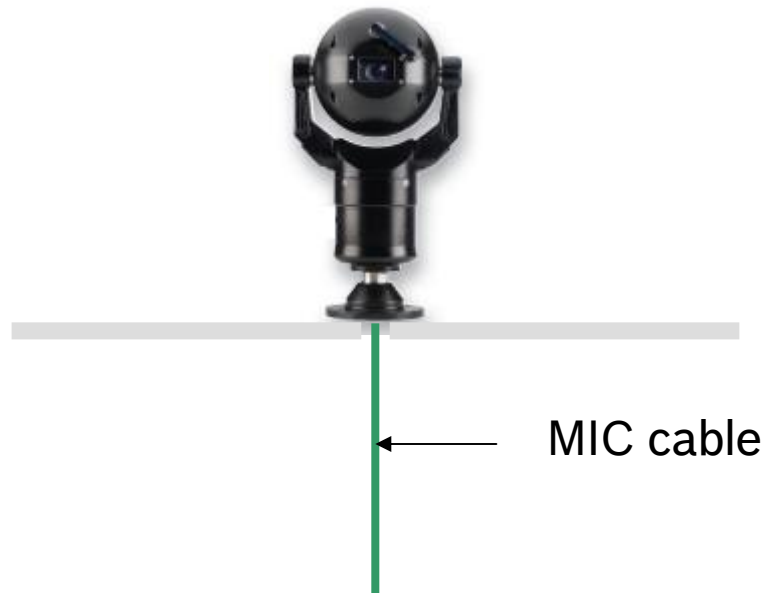


- MIC-2M = 2 meters cable
- MIC-10M = 10 meters cable
- MIC-20M = 20 meters cable
- MIC-25M = 25 meters cable

## Choose your MIC

### STEP 4: select the mounting accessories -1

- The MIC doesn't require any additional mounting equipment if mounted on a flat surface and the cable can be leaded through the flat surface just under it

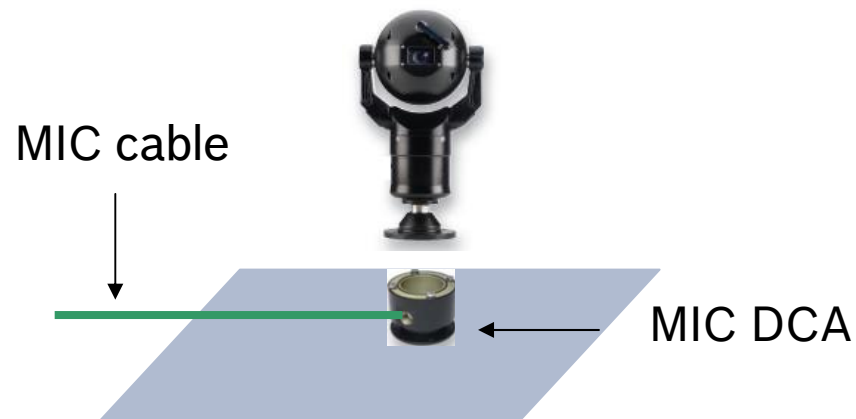


## Choose your MIC

### STEP 4: select the mounting accessories -2

→ If the MIC is mounted on a flat surface but the cable is being as coming from the same side the *Deep Conduit Adapter* is needed:

- MIC-DCA-B = black
- MIC-DCA-W = white
- MIC-DCA-G = grey
- MIC-DCA-S = stainless steel



## Choose your MIC

### STEP 4: select the mounting accessories -3

- To “Wall” mount the MIC you shall require 2 items:
1. The *wall mount bracket*: MIC-WMB-B for Black (select the colour)
  2. The *shallow conduit adapter*: MIC-SCA-B for Black (select the colour)

The SCA can be fixed on the wall and the wall mount bracket will conveniently match



## Choose your MIC

### STEP 4: select the mounting accessories -5

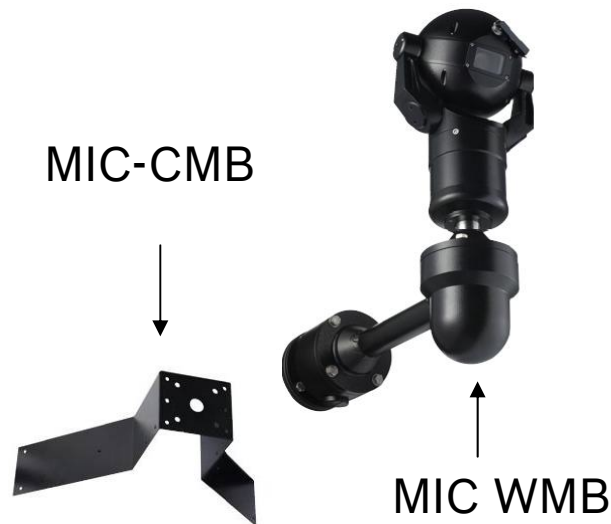
- To “pole” mount the camera you shall require 3 items:
1. The *wall mount bracket*: MIC-WMB-B for Black (select the colour)
  2. The *shallow conduit adapter*: MIC-SCA-B for Black (select the colour)
  3. The *Pole mount adapter*: MIC-PMB



## Choose your MIC

### STEP 4: select the mounting accessories -6

- To “corner” mount the camera you shall require 2 items:
1. The *wall mount bracket*: MIC-WMB-B for Black (select the colour)
  2. The *corner mount adapter*: MIC-CMB



## Choose your MIC

### STEP 5: washer kit

→ For standard camera: MIC-WKT which contains:

- nozzle
- mounting bracket
- drive card for PSU



→ For IR/PA cameras: MIC-WKT-IR: which contains:

- nozzle
- Bracket
- No drive cars since default in the IR PSU)

→ Kindly note that tube and tank are not included



## Choose your MIC

### STEP 6: keyboard

- For mobile application MIC-501KBD is the ideal solution for 1 KBD to 1 camera system (note: camera must use FV protocol)



- For other systems, using BOSCH DVR or IP solutions:
  - KBD-DIGITAL



## Choose your MIC

### STEP 7: spare parts

- Nebar gasket to fit between the camera and bracket (subject to corrosion): MIC-GAS
- Replacement wiper blade: MIC-RWB

