



# Concept Pro

5MP

2.7-13.5mm  
Motorised  
Lens

80M  
IR

4 in 1

## AIR8025EL-AHD5M-Z

### Concept Pro 5MP 4-in-1 Analogue Motorised External Bullet Camera

The AIR8025EL-AHD5M-Z model is a 4-in-1 analogue camera that has been designed to deliver the highest image quality for demanding external environments. This external bullet features a 2.7-13.5mm motorised lens, smart infrared LEDs with 80m illumination range, and provides crisp 5-megapixel video with true wide dynamic range and enhanced low light performance. This camera is also designed for excellent compatibility with the Concept Pro range of hybrid digital video recorders.

**WDR**

#### True Wide Dynamic Range

With true wide dynamic range, this camera can capture sharp images throughout the entire field of view, even when there are severe differences between light levels.

#### Enhanced Low Light Performance

This CCTV camera utilises an Enhanced Low Light CMOS sensor with greater light sensitivity, resulting in the camera capturing colour images long after standard CCTV cameras have switched to black and white night mode.

**DC12V  
Out**

#### DC12V Power Output

This CCTV camera also provides a DC12V 100mA power output that can be conveniently used to power some auxiliary equipment rather than using a separate power supply adapter.

### KEY FEATURES

- ◆ Max. 20FPS @5MP
- ◆ 2.7-13.5mm Motorised Lens
- ◆ Up to 80m Smart IR Illumination
- ◆ 4-in-1 Operation (AHD/TVI/CVI/CVBS)
- ◆ Enhanced Low Light Performance
- ◆ True Wide Dynamic Range
- ◆ DC12V/AC24V Dual Power Input

### OTHER FEATURES

- ◆ DC12V Power Output
- ◆ Up the Coax Coaxitron Support
- ◆ AGC, 3D-DNR, BLC

### ANALOGUE HD TYPICAL CABLE DISTANCE



	5MP	2MP	720P
COAX (RG59)	UP TO 500M	UP TO 500M	UP TO 500M
CAT5e	UP TO 200M	UP TO 305M	UP TO 350M
CAT6	UP TO 200M	UP TO 305M	UP TO 350M

\*Approximate distances calculated using HD MasterBaluns. Actual transmission range will vary depending on type and quality of cable and baluns.

COMPATIBLE WITH

CONCEPT PRO AHD RECORDING RANGE

# AIR8025EL-AHD5M-Z

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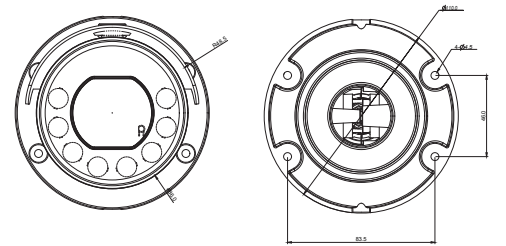
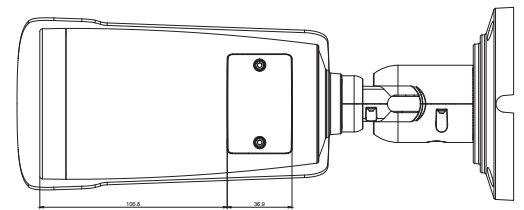
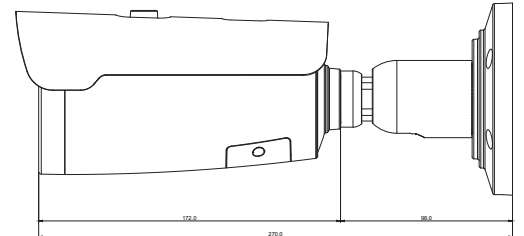
# Concept Pro

## SPECIFICATION

Model/Feature	AIR8025EL-AHD5M-Z	
Image Sensor	1/2.8" Progressive Scan CMOS	
Video Output Type	AHD/TVI/CVI/CVBS	
Signal System	PAL/NTSC	
Min. Illumination	Colour: 0.03 lux (Enhanced Low Light) B&W: 0.003 lux (Enhanced Low Light) 0 lux with IR on	
Camera	Electronic Shutter	Auto
	S/N Ratio	≥50dB
	IR LEDs	x8
	IR Illumination Range	Max. 80m
	IR Control	On/Off
	Adaptable IR	Auto
	Pivot Axis	Pan: 0°-360°, Tilt: 0°-75°, Rotation: 0°-360°
	Lens Type	Motorised
Lens	Mount Type	Built-in
	Focal Length	f=2.7-13.5mm
	Aperture	F1.3-F2.7
	Angle of View	H: 108.78°-28.76°, V: 57.22°-16.2°, D: 130.54°-33°
	Focus	Auto/Manual
	Iris	Fixed
Resolution	5MP (2592x1944), 4MP (2560x1440), 2MP (1920 x 1080), SD (960 x 576)	
Frame Rate	AHD/TVI: 12.5/20FPS @ 5MP, 15/25/30FPS @ 4MP, 25/30FPS @ 2MP CVI: 25/30FPS @ 4MP, 25/30FPS @ 2MP CVBS: 25/30FPS @ SD	
Day/Night	True Day & Night with ICR (Auto/Colour/B&W/EXT)	
Video	Backlight Compensation	BLC/Global
	Wide Dynamic Range	True WDR
	White Balance	Pro/Gray World
	Gain Control	Auto
	Noise Reduction	3D-DNR (Auto/Manual)
	Motion Detection	-
	Defog	-
	Image Setting	Mirror
	Image Adjustment	Brightness, Sharpness, Contrast, Saturation
	Privacy Masking	-
	Sens-Up	-
	Transmission Distance	Max. 500m (1Vp-p 75Ω)
Interface	Video Output	x1 1.0Vp-p 75Ω BNC/x1 2-pin UTP
	Audio Interface	-
	RS-485	-
	Control Protocol	N/A
	Up the Coax (Coaxitron) Support	Yes
	OSD Buttons	Yes
General	Power Supply	DC12V±10%/AC24V±10%
	Power Output	x1 DC12V 100mA
	Power Consumption	Max. 9W
	Operating Temperature	-30°C to +50°C
	Operating Humidity	20-80% RH
	Ingress Protection	IP66
	Impact Resistance	-
	Housing Materials	Aluminum Diecasting
	RAL	RAL 7021 Black Grey
	Dimension	Ø86mm x (L) 270mm without sunshield
	Net Weight	≈800g
	Gross Weight	≈1,250g
Certification	Certifications CE	

## DIMENSIONS

All measurements are in mm.



## ORDER CODE

- **AIR8025EL-AHD5M-Z** Concept Pro 5MP 4-in-1 Analogue Motorised External Bullet Camera

## OTHER PRODUCTS IN THE RANGE

- **AIR8025EL-AHD2M-Z** Concept Pro Lite 2MP 4-in-1 Analogue Motorised External Bullet Camera

## RECOMMENDED ACCESSORIES

- **CP-BASE-1-V2-G** Concept Pro Small Junction Box - Black Grey
- **CP-WM-1-V2-G** Concept Pro Small Wall Mount - Black Grey
- **CP-PM-1-V2-G** Concept Pro Small Pendant Mount - Black Grey
- **CP-PLM-V2** Concept Pro Pole Mount
- **CP-CM-V2** Concept Pro Corner Mount
- **RG59K-100** RG59 Coaxial Cable 100m (Black)
- **RG59K-500** RG59 Coaxial Cable 500m (Black)

COMPATIBLE WITH



CONCEPT PRO AHD RECORDING RANGE

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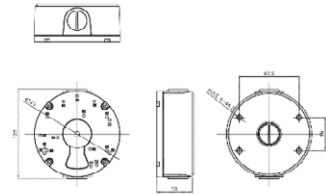
# Concept Pro

## ACCESSORIES

## DIMENSIONS

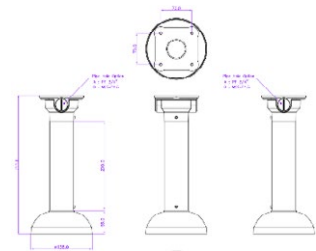
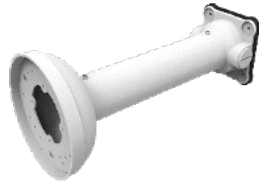
### CP-BASE-1-V2-G

Concept Pro Small Junction Box



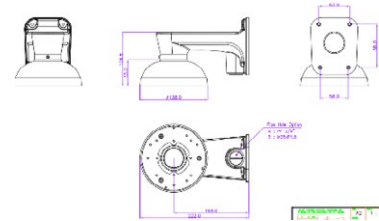
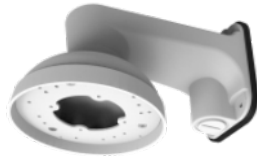
### CP-PM-1-V2-G

Concept Pro Small Pendant Mount



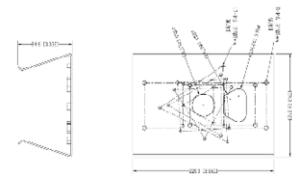
### CP-WM-1-V2-G

Concept Pro Small Wall Mount



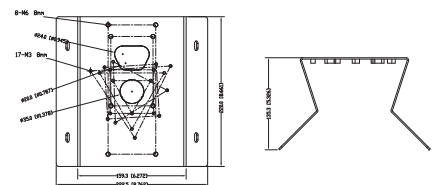
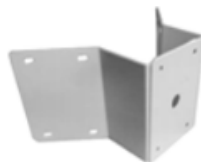
### CP-PLM-V2

Concept Pro Pole Mount  
(can be combined with CP-BASE-1-V2)



### CP-CM-V2

Concept Pro Corner Mount  
(can be combined with CP-BASE-1-V2)



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