



# Concept Pro

- 5MP**
- 2.8mm  
Fixed  
Lens**
- 30M  
IR**
- 4 in 1  
Analogue**

## AIR3525EL-AHD5M/2.8

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

The AIR3525EL-AHD5M/2.8 model is a 4-in-1 analogue camera that has been designed to deliver the highest image quality for demanding external environments. This weather-resistant external small bullet features a 2.8mm fixed lens, smart infrared LEDs with 30m 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.



**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.



**Four-in-one solution**  
Don't be tied down to any single analogue platform. With Concept Pro 4-in-1 cameras you have the freedom to install whichever CCTV platform you like, whether you install AHD, TVI, CVI, or traditional analogue systems.

### KEY FEATURES

- ◆ Max. 20FPS @ 5MP
- ◆ 2.8mm Fixed Lens
- ◆ Up to 30m Smart IR Illumination
- ◆ 4-in-1 Operation (AHD/TVI/CVI/CVBS)
- ◆ Enhanced Low Light Performance
- ◆ True Wide Dynamic Range

### OTHER FEATURES

- ◆ DC12V Power Input
- ◆ Up to the Coax Coaxitron Support
- ◆ AGC, 3D-DNR, BLC
- ◆ IP66-rated

### ANALOGUE HD TYPICAL CABLE DISTANCE



	5MP	2MP	720P
<b>COAX (RG59)</b>	UP TO 500M	UP TO 500M	UP TO 500M
<b>CAT5e</b>	UP TO 200M	UP TO 305M	UP TO 350M
<b>CAT6</b>	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.



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Fixed External Small Bullet Camera

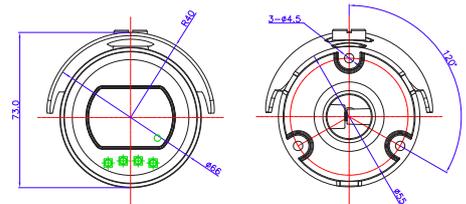
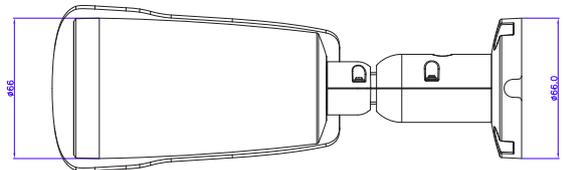
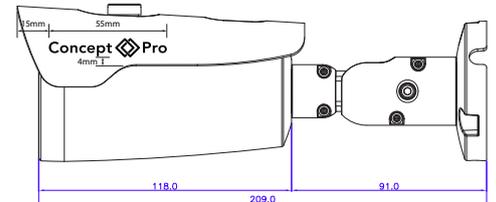
# Concept Pro

## SPECIFICATION

Model/Feature	AIR3525EL-AHD5M/2.8	
Image Sensor	1/2.8" Progressive Scan CMOS	
Video Output Type	AHD/TVI/CVI/CVBS	
Signal System	PAL/NTSC	
Min. Illumination	Colour: 0.02 lux (Enhanced Low Light) B&W: 0.02 lux (Enhanced Low Light) 0 lux with IR on	
<b>Camera</b>	Electronic Shutter	Auto
	S/N Ratio	≥50dB
	IR LEDs	x4
	IR Illumination Range	Max. 30m
	IR Control	On/Off
	Adaptable IR	Auto
	Pivot Axis	Pan: 0-360°, Tilt: 0-75°, Rotation: 0-360°
	Lens Type	Fixed
	Mount Type	Built-in
	Focal Length	f=2.8mm
<b>Lens</b>	Aperture	F2.0
	Angle of View	H: 113.74°, V: 61.5°, D: 134.45°
	Focus	Fixed
	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)	
Backlight Compensation	BLC/Global	
Wide Dynamic Range	True WDR	
White Balance	Pro/Gray World	
<b>Video</b>	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)
	Video Output	x1 1.0Vp-p 75Ω BNC (AHD/TVI/CVI/CVBS)
<b>Interface</b>	Audio Interface	-
	RS-485	-
	Control Protocol	N/A
	Up the Coax (Coaxitron) Support	Yes
	OSD Buttons	Yes
Power Supply	DC12V±10%	
Power Output	-	
Power Consumption	Max. 6W	
Operating Temperature	-30°C to +50°C	
Operating Humidity	20-80% RH	
<b>General</b>	Ingress Protection	IP66
	Impact Resistance	-
	Housing Materials	Aluminum Diecasting
	RAL	RAL 7021 Black Grey
	Dimension	(Ø) 66mm x (L) 209mm without sunshield
	Net Weight	≈350g
	Gross Weight	≈550g
	Certification	CE

## DIMENSIONS

All measurements are in mm.



## ORDER CODE

- **AIR3525EL-AHD5M/2.8** Concept Pro 5MP 4-in-1 Analogue Fixed External Small Bullet Camera

## OTHER PRODUCTS IN THE RANGE

- **AIR3525EL-AHD2M/2.8** Concept Pro Lite 2MP 4-in-1 Analogue Fixed External Small 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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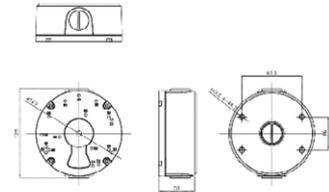
# Concept Pro

## ACCESSORIES

## DIMENSIONS

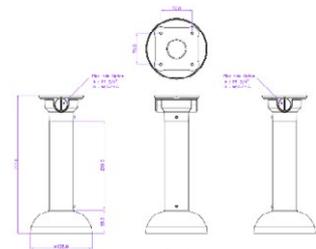
### CP-BASE-1-V2-G

Concept Pro Small  
Junction Box



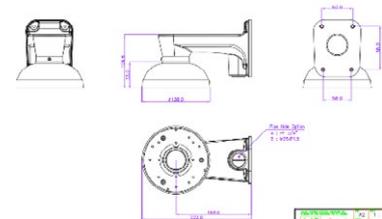
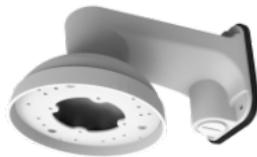
### CP-PM-1-V2-G

Concept Pro Small  
Pendant Mount



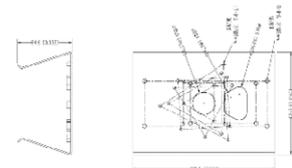
### CP-WM-1-V2-G

Concept Pro Small  
Wall Mount



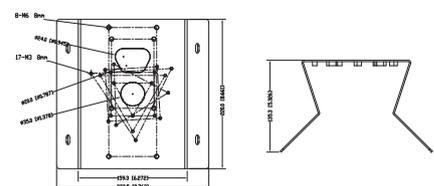
### CP-PLM-V2

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)



COMPATIBLE  
WITH



CONCEPT PRO  
AHD RECORDING  
RANGE