

Concept Pro

2MP

2.8-12mm
Varifocal
Lens

30m
IR

4 in 1



CVP9325IREL-AHD2M

Concept Pro Lite 2MP 4-in-1 Analogue Varifocal External Dome Camera

The CVP9325IREL-AHD2M model is a 4-in-1 analogue camera that has been designed to deliver the highest image quality for demanding external environments. This external dome features a 2.8-12mm manual varifocal lens, smart infrared LEDs with 30m illumination range, and provides crisp 2-megapixel video at real-time frame rates 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.

KEY FEATURES

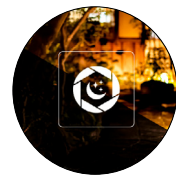
- ◆ Max. 25FPS @ 2MP
- ◆ 2.8-12mm Varifocal Lens
- ◆ Up to 30m Smart IR Illumination
- ◆ 4-in-1 Operation (AHD/TVI/CVI/CVBS)
- ◆ Enhanced Low Light Performance
- ◆ True Wide Dynamic Range
- ◆ DC12V/AC24V Dual Power Input

OTHER FEATURES

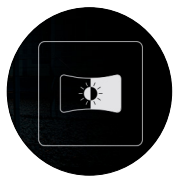
- ◆ DC12V Power Output
- ◆ BNC & UTP Video Output
- ◆ Up the Coax Coaxitron Support
- ◆ AGC, Sens-up, AWB, BLC, HLC, Defog
- ◆ Smoked Dome Bubble Options Available



Internal Cable Connections
The installers needs have been carefully considered in the design of this product, utilising internal cable connections to aid in the ease of installation, reducing the need for complicated work in impractical installation areas.



Enhanced Low Light
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.



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.

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.

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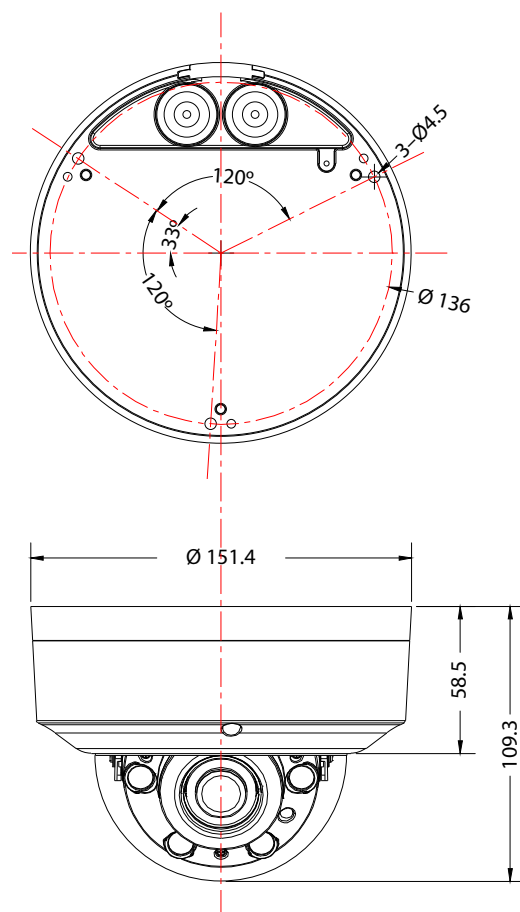
Concept Pro

SPECIFICATION

Model/Feature	CVP9325IREL-AHD2M
Image Sensor	1/2.8" Progressive Scan CMOS
Video Output Type	AHD/TVI/CVI/TVS
Signal System	PAL/NTSC
Min. Illumination	Colour: 0.002 lux (Enhanced Low Light) B&W: 0.0002 lux (Enhanced Low Light) 0 lux with IR on
Camera	
Electronic Shutter	Auto/Manual, 1/25-1/25,600s
S/N Ratio	≥50dB
IR LEDs	x4
IR Illumination Range	Max. 30m
IR Control	On/Off
Adaptable IR	Auto
Pivot Axis	Pan: 0°-353°, Tilt: 0°-70°, Rotation: 0°-227°
Lens Type	Manual Varifocal
Mount Type	Built-in
Focal Length	f=2.8-12mm
Aperture	F1.4
Angle of View	H: 106°-40°, V: 57°-23°, D: 110°-45°
Focus	Manual
Iris	Fixed
Resolution	2MP (1920 x 1080), SD (960 x 576)
Frame Rate	AHD/TVI/CVI: 25/30FPS @ 2MP CVBS: 25/30FPS @ SD
Day/Night	True Day & Night with ICR (Auto/Colour/B&W/EXT)
Backlight Compensation	BLC/HLC
Wide Dynamic Range	True WDR
White Balance	Auto/AutoExt/Preset/Manual
Gain Control	Auto (AGC, 0-20)
Noise Reduction	2D/3D-DNR (High/Middle/Low/Off)
Motion Detection	Yes
Defog	Yes
Image Setting	Freeze, Flip
Image Adjustment	Brightness, Sharpness, Colour Gain, Ace, Gamma
Privacy Masking	Yes
Sens-Up	Yes (x2/x4/x8/x16/x32/Off)
Transmission Distance	Max. 500m (1Vp-p 75Ω)
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
Power Supply	DC12V±10%/AC24V±10%
Power Output	x1 DC12V 100mA
Power Consumption	Max. 6.5W
Operating Temperature	-30°C to +40°C
Operating Humidity	20-80% RH
Ingress Protection	IP66
Impact Resistance	IK10
Housing Materials	Aluminum Diecasting
RAL	RAL 9010 Pure White
Dimension	Ø151.4x109.3mm
Net Weight	≈960g
Gross Weight	≈1,300g
Certification	
Certifications	CE

DIMENSIONS

All measurements are in mm.



ORDER CODE

- **CVP9325IREL-AHD2M** Concept Pro Lite 2MP 4-in-1 Analogue Varifocal External Dome Camera

OTHER PRODUCTS IN THE RANGE

- **CVP9325IREL-AHD5M-Z** Concept Pro 5MP 4-in-1 Analogue Motorised External Dome Camera
- **CVP9325IREL-AHD2M-Z** Concept Pro Lite 2MP 4-in-1 Analogue Motorised External Dome Camera
- **CVP9325IREL-AHD2M-Z-SD** Concept Pro Lite 2MP 4-in-1 Analogue Smoked Dome Motorised External Dome Camera
- **CVP9325IREL-AHD5M-Z-SD** Concept Pro 5MP 4-in-1 Analogue Smoked Dome Motorised External Dome Camera

RECOMMENDED ACCESSORIES

- **CP-BASE-2-V2** Concept Pro Large Junction Box
- **CP-PM-2-V2** Concept Pro Large Pendant Mount
- **CP-WM-2-V2** Concept Pro Large Wall Mount
- **CP-PLM-V2** Concept Pro Pole Mount
- **CP-CM-V2** Concept Pro Corner Mount
- **CP-TM-2-V2** Concept Pro Large In-ceiling/Tile Mount
- **CP-RC-V2** Concept Pro Rain Cap