Concept ◆ Pro

| 2MP | 2.8-12mm Varifocal Lens | **30m** IR Range | 4 in 1 |

CBP6325IREL-AHD2M

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

The CBP6325IREL-AHD2M model is a 4-in-1 analogue camera that has been designed to deliver the highest image quality for demanding internal environments. This internal dome features a 2.8-12mm 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.
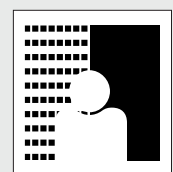
Internal Cable Connections
The installers needs have been carefully considered in the design of this product, utilising internal cable connections to aid in the ease of installation, reducing the need for complicated work in impractical installation areas.

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.

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

ANALOGUE HD TYPICAL CABLE DISTANCE

Camera ———————————————— **DVR**

	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
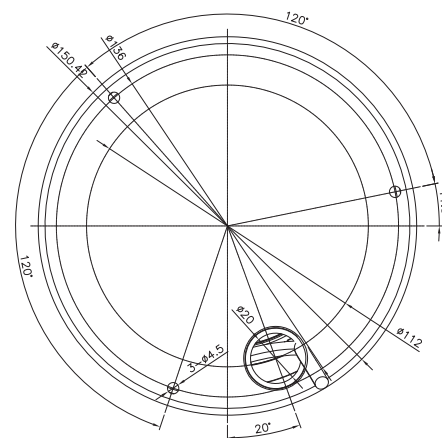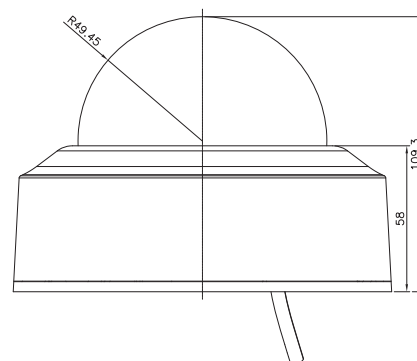
CONCEPT PRO AHD RECORDING RANGE

CBP6325IREL-AHD2M

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

Concept Pro

SPECIFICATION

Model/Feature		CBP6325IREL-AHD2M
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Video Output Type	AHD/TVI/CVI/CVBS
	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
	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: 0-355°, Tilt: 0-75°, Rotation: 0-90°
Lens	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
Video	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)
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. 6.5W
	Operating Temperature	-30°C to +40°C
	Operating Humidity	20–80% RH
	Ingress Protection	IP53
	Impact Resistance	-
	Housing Materials	Plastic
	RAL	RAL 9010 Pure White
	Dimension	Ø151.4×109.3mm
	Net Weight	≈710g
	Gross Weight	≈930g
Certification	Certifications	CE

DIMENSIONS

ORDER CODE

- **CBP6325IREL-AHD2M** — Concept Pro Lite 2MP 4-in-1 Analogue Varifocal Internal Dome Camera

OTHER PRODUCTS IN THE RANGE

- **CBP6325EL-AHD2M** — Concept Pro Lite 2MP 4-in-1 Analogue Varifocal Internal Dome Camera
- **CBP6325IREL-AHD5M** — Concept Pro 5MP 4-in-1 Analogue Varifocal Internal Dome Camera
- **CBP6325IREL-AHD5M-Z** — Concept Pro 5MP 4-in-1 Analogue Motorised Internal Dome Camera
- **CBP6325EL-AHD2M-SD** — Concept Pro Lite 2MP 4-in-1 Analogue Smoked Dome Varifocal Internal Dome Camera (No IR)
- **CBP6325IREL-AHD2M-SD** — Concept Pro Lite 2MP 4-in-1 Analogue Smoked Dome Varifocal Internal Dome Camera
- **CBP6325IREL-AHD5M-SD** — Concept Pro 5MP 4-in-1 Analogue Smoked Dome Varifocal Internal Dome Camera
- **CBP6325IREL-Z-SD** — Concept Pro 5MP 4-in-1 Analogue Smoked Dome Motorised Internal Dome Camera

RECOMMENDED ACCESSORIES

- **CP-BASE-2-V2** — Concept Pro Large Junction Box
- **CP-PM-2-V2** — Concept Pro Large Pendant Mount Bracket
- **CP-WM-2-V2** — Concept Pro Large Wall Mount Bracket
- **CP-TM-2-V2** — Concept Pro Large In-ceiling/Tile Mount
- **CP-PLM-V2** — Concept Pro Pole Mount Bracket
- **CP-CM-V2** — Concept Pro Corner Mount Bracket
- **RG59K-100** — RG59 Coaxial Cable 100m (Black)
- **RG59K-500** — RG59 Coaxial Cable 500m (Black)

CBP6325IREL-AHD2M

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

Concept <> Pro

ACCESSORIES

DIMENSIONS

CP-TM-2-V2

Concept Pro Large
In-ceiling/Tile Mount

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
(can be combined with
CP-BASE-2-V2)

CP-CM-V2

Concept Pro Corner Mount
(can be combined with
CP-BASE-2-V2)