



# Concept Pro

**8MP**
**2.7-13.5mm  
Motorised  
Lens**
**30M  
IR**
**IP**

## CVP9325DLIREL-IP8M-Z

### Concept Pro 8MP IP Deep Learning Motorised External Dome Camera

The CVP9325DLIREL-IP8M-Z model is an IP camera that has been designed to deliver the highest image quality for external environments. This external dome features a 2.7-13.5mm motorised lens, smart infrared LEDs with 30m illumination range, and provides crisp 8-megapixel video. It comes equipped with alarm and audio functionality as well as a power output for the most advanced installation needs. This camera is also designed for excellent compatibility with the Concept Pro range of network video recorders.

#### KEY FEATURES

- ◆ Max. 20FPS @ 8MP
- ◆ 2.7-13.5mm Motorised Lens
- ◆ Up to 30m Smart IR Illumination
- ◆ Deep Learning Video Analytics
- ◆ H.265 Video Codec & VBR+ Smart Bit Rate Control
- ◆ Alarm & Audio I/O

#### OTHER FEATURES

- ◆ PoE/DC12V/AC24V Power Input & DC12V Power Output
- ◆ True WDR, ATW, BLC, Defog, 3D-DNR
- ◆ Manual Regions of Interest
- ◆ ONVIF Profile S Compliant
- ◆ Smoked Dome Bubble Options Available

#### DEEP LEARNING VIDEO ANALYTICS

##### Deep Learning Video Analytics

Reduce false motion detection alarms by up to 95% using new Deep Learning technology. Trained with powerful deep learning algorithms, the camera can detect and classify human, car, and bicycles based upon specific line/zone and timing criteria. As a result, false alarms from sources such as lights, animals, foliage, weather, and other objects are effectively filtered and reduced. Additionally, this camera supports Deep Learning Motion Detection with human/car/bike classification to reduce false alarms on traditional motion detection events.

#### VBR+

##### Intelligent, Efficient Bit Rate Control

Reduce camera streaming bit rates by up to 90% by using Variable Bit Rate (VBR) or VBR+ smart bit rate control settings. These dynamic features maximise overall image quality while minimising camera stream bit rates. This results in lower network bandwidth usage and extended recording storage retention time.

##### 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.

**COMPATIBLE  
WITH**

**CONCEPT PRO  
IP RECORDING  
RANGE**

# CVP9325DLIREL-IP8M-Z

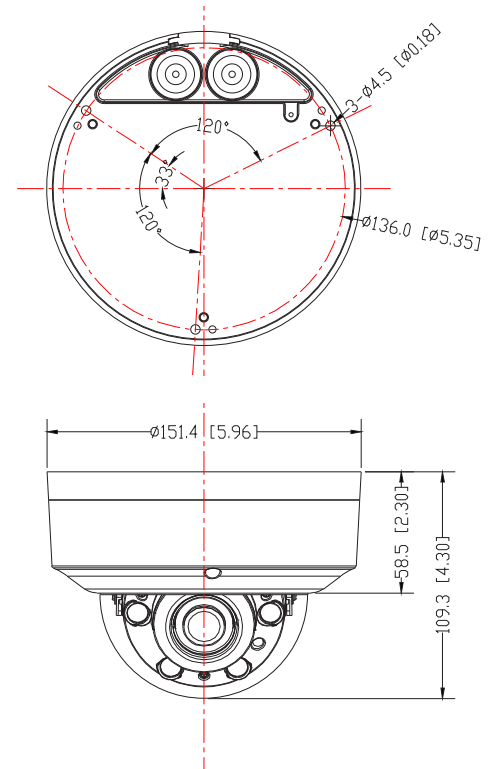
Concept Pro 8MP IP Deep Learning  
Motorised External Dome Camera

Concept  Pro

## SPECIFICATION

Model/Feature	CVP9325DLIREL-IP8M-Z	
Video Output Type	IP	
Image Sensor	1/2.8" Progressive Scan CMOS	
Signal System	PAL/NTSC	
Min. Illumination	Enhanced Low Light Performance Colour: 0.003 Lux @ (F1.4, AGC ON) B&W: 0 lux with IR LEDs on	
Camera	Electronic Shutter	Auto/Manual, 1/25 to 1/5,000s
	S/N Ratio	≥48.8dB
	IR LEDs	x4
	IR Illumination Range	Max. 30m
	IR Control	Auto/Off
	Adaptable IR	Auto
	Pan/Tilt/Rotation Range	Pan: 0°-353°, Tilt: 0°-70°, Rotation: 0°-227°
Lens	Lens Type	Motorised
	Mount Type	Built-in
	Focal Length	f=2.7-13.5mm
	Aperture	F1.4
	Angle of View	H: 94.9-28.5°, V: 86.2-17.6°, D: 121.5-33.6°
Video	Focus	Auto/Manual
	Iris	DC Iris
	Compression	H.265/H.264 with VBR+ Smart Codec Option
	Streaming Capability	Triple Streaming + SVC Stream
	Resolution	3840x2160, 2592x1944, 2592x1520, 2304x1296, 2048x1536, 1920x1080, 1280x1024, 1024x768, 1280x720, 704x576, 704x480, 640x480, 640x360, 352x288, 352x240
	Frame Rate	Stream 1: Max. 20FPS @ 3840x2160 Stream 2: Max. 20FPS @ 640x480 Stream 3: Max. 20FPS @ 640x480
	Bit Rate Control	CBR/VBR/VBR+
	Bit Rate	Stream 1: 1,000-8,000kbps Stream 2: 600-2,000kbps Stream 3: 600-2,000kbps
	Day/Night	True D&N with ICR (Auto/Day/Night/Schedule)
	Backlight Compensation	Yes
	Wide Dynamic Range	True WDR
	White Balance	ATW/Manual (Indoor/Fluorescent/Outdoor)
	Gain Control	Auto
	Noise Reduction	3D-DNR (Auto/Manual)
	Region of Interest	Manual (Max. 8 Regions)
	Defog	Yes
	Slow Shutter	Off/X2/X4/X8
	Image Setting	Mirror/Flip
	Image Adjustment	Brightness, Contrast, Colour, Sharpness
	Privacy Masking	Yes (Max. 4 Areas)
Motion Detection	Yes (Max. 4 Areas)	
Tamper Detection	Yes	
Deep Learning Motion Detection	Yes (Human Detection)	
Deep Learning Video Analytics	Yes (Human/Vehicle/Bike Classification; Intrusion, Line Crossing, Region Enter/Exit, Loitering, Stopping, Counter Detection) *Compatible with select Concept Pro NVRs	
Network	Transmission Distance	Max. 100m over Ethernet
	Ethernet	x1 RJ45 10M/100M Ethernet
	Protocol	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, SMTP, FTP, UPnP, HTTP, HTTPS, SSL/TLS
	Interoperability	ONVIF Profile S, HTTP/RTSP API
Interface	ONVIF Channels	Max. 4 Streams
	Streaming Method	Unicast/Multicast
	Max. User Access	x10
	Edge Storage	MicroSD (Snapshot), Local PC (Snapshot/Recording)
	Video Interface	-
	Alarm Interface	Alarm In x1, Alarm Out x1
	Audio Interface	Audio In x1, Audio Out x1
	Audio Compression	G.711u-law (8kHz)
	RS-485	-
	Control Protocol	N/A
General	Reset Button	Yes
	Power Supply	PoE/DC12V/AC24V
	Power Consumption	PoE: Max. 13.63W, DC12V: Max. 11.6W, AC24V: Max. 15.1W
	Power Output	DC12V (Max. 100mA)
	Operating Temperature	-20°C to +50°C
	Operating Humidity	0% to 90%
	Ingress Protection	IP66
	Vandal Resistance	IK10
	Housing Materials	Aluminum Diecasting
	RAL	RAL9010 Pure White
Certification	Dimensions	Ø151.4mm x (H) 109.3mm
	Net Weight	≈900g
	Gross Weight	≈1,100g
Certifications	CE/RoHS	

## DIMENSIONS



## ORDER CODE

- **CVP9325DLIREL-IP8M-Z** Concept Pro 8MP IP Deep Learning Motorised External Dome Camera

## OTHER PRODUCTS IN THE RANGE

- **CVP9325DEIREL-IP5M-Z** Concept Pro 5MP IP Enhanced Low Light Motorised External Dome Camera
- **CVP9325DEIREL-IP5M-Z-SD** Concept Pro 5MP IP Smoked Dome Motorised External Dome Camera
- **CVP9325DEIREL-IP8M-Z-SD** Concept Pro 8MP IP 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
- **CAT6-305** 305m CAT6 Cable (Green)
- **VA-SW4/8/16POE-IP** 4/8/16 Channel PoE Switch

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