Entrotec PRO-VRD-IP-A

High Resolution Vandal Resistant Dome Camera With Varifocal Lens, IP and Analogue Outputs



- 4 Mega-pixel, 1/3” CMOS image sensor.
- Motorised varifocal lens, 2.7 mm–13.5 mm.
- Excellent low light performance.
- Built-in IR LED, distance up to 40 м.
- Outputs Max. 4MP at 30 fps.
- H.265 high efficiency codec minimises storage and bandwidth requirements.
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, for various applications.
- Smart AI detection: Intrusion, perimeter, tripwire.
- Alarm detection: motion detection, tampering, scene changing, SD card errors, network disconnection, IP conflict, illegal access.
- Supports Max. 256GB Micro SD card.
- 12VDC and PoE support.
- IP67, IK10 protection.
- ONVIF compliant, profiles S and G.

OVERVIEW

VARIFOCAL LENS

This camera features a motorised varifocal lens, making it suitable for a wide range of applications and installations. With a wide range field-of-view, the camera can be zoomed in / out to ensure the target area can be adjusted for the best view.

DUAL OUTPUT

With an IP RJ45 interface with multiple high definition video streams and BNC analogue interface for a standard definition stream, this camera is suitable for door entry applications. The SD can be connected to analogue systems and the IP interface can connected to an NVR.

AI

With advanced AI algorithms, this camera supports smart functions, such as perimeter protection and smart motion detection with very low false detection rates. AI enhanced technology provides excellent performance in environments with low illumination, providing a clear colourful video.

FUNCTIONS

SMART CODEC SELECTION - H.265+ H.264+

With auto stream control dependant on the environment, the advanced algorithms adapt the codec selection. This provides high-quality video with reduced cost of storage and transmission.

WDR

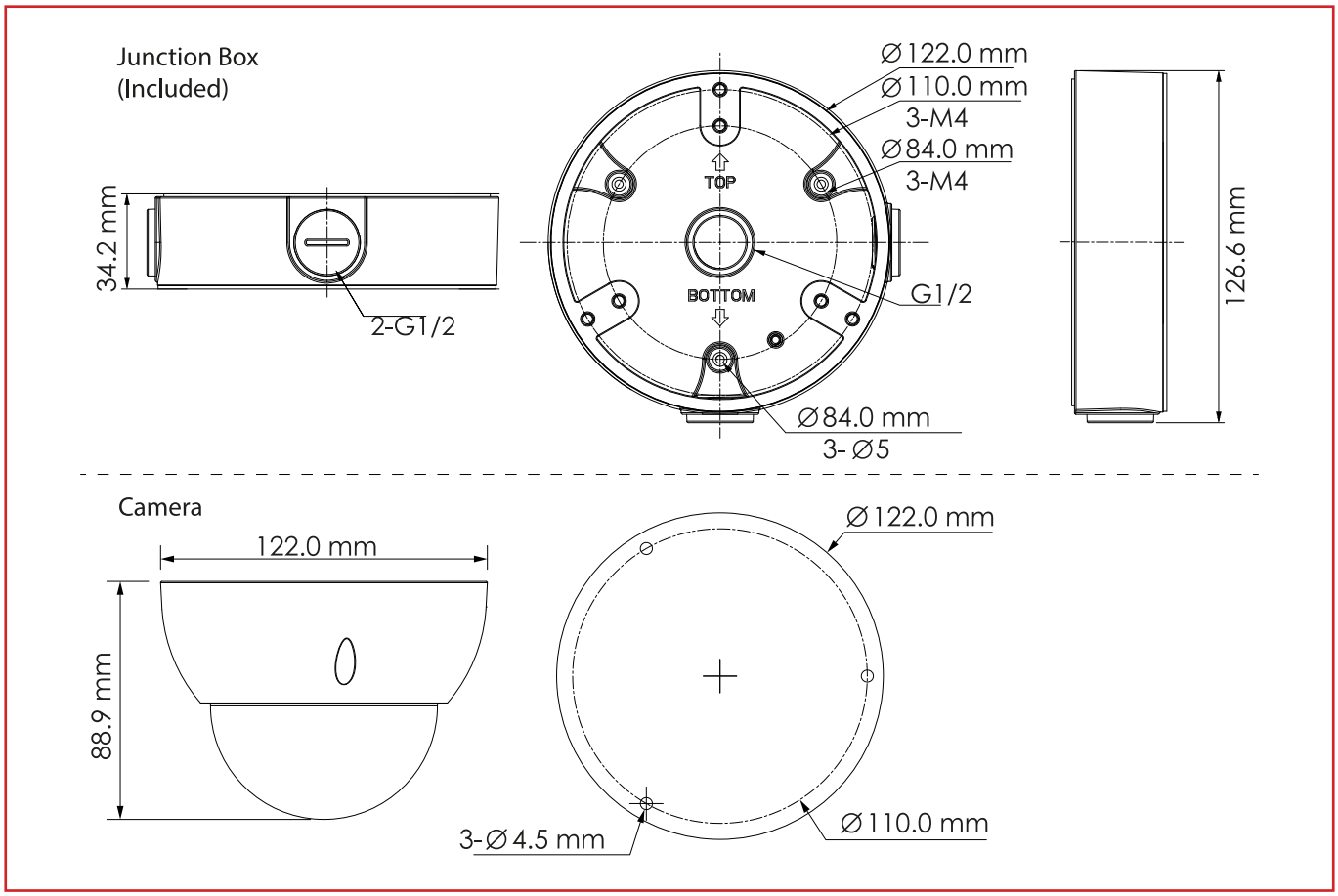
Advanced Wide Dynamic Range technology provides clear details in the environments with of strong brightness contrast. For example in environments with strong back-light, the camera provides clear detail on darker areas.

PROTECTION

IP67: ‘Dust Tight’ with no ingress of particles and complete protection against contact. ‘All Weather’ with protection from powerful water jets and total submersion (up to 1M, 30 mins).

IK10: with robust metal enclosure and vandal resistant design, this product achieves the highest classification of impact resistance.

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CAMERA SPECIFICATION	
Image Sensor	1/3", 4MP, CMOS, Progressive Scan
Effective Pixels	2688 (H) × 1520 (V)
Lens Type	Motorised Varifocal
Focal Length	2.7mm - 13.5mm
Max Aperture	F1.5
Field of View	Horizontal: 104°–27°, Vertical: 55° –15° Diagonal: 124° –31°
Iris Type	Fixed aperture
IR Distance	40 M
Min. Illumination	0.005 Lux@F1.5

DORI Distance	Lens	Detect	Observe	Recognise	Identify
	W	64 M	25.6 M	12.8 M	6.4 M
	T	222 M	88.8 M	44.4 M	22.2 M

VIDEO SPECIFICATION	
Compression	H.265, H.264, H.264H, H.264B, MJPEG
Resolutions	4MP, 3MP, 1080p, 1.3MP, 720p, VGA, CIF
WDR	120dB
Gain Control	Auto / Manual
Video Frame Rate	Stream 1: 2688 × 1520@ 1–25/30 fps, Stream 2: 704 × 480@ 25/30 fps, Stream 3: 1280 × 720@ 1–25/30 fps.
Region of Interest	4 areas
Motion Detection	4 areas

CONNECTIVITY	
Interface	1x RJ-45 (10/100 Base-T), 1x BNC
Power	12VDC, PoE (802.3af), 8.5W
Interoperability	ONVIF (Profile S / Profile G), CGI

Secured by Design
Official Police Security Initiative

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