



5MP PoE Dome AI Camera

The 5MP AI dome camera combines sleek design with powerful performance, ideal for discreet yet intelligent indoor or outdoor surveillance. It features a wide-angle 2.8mm lens with F1.0 aperture, enabling full-colour imaging even in low light. Durable IP66 housing, integrated audio, and multi-stream support make it a versatile solution for various professional environments.

Product Specification

Lens Type	
Focal Length (Zoom Ratio)	2.8 mm
Max. Aperture Ratio	F No. 1.0
Angular Field of View	Horizontal:110°, Vertical:58°, Diagonal: 132°
Min. Object Distance	2m
Lens Type	Fixed(M12)
Video	
Imaging Device	1/2.7"
Effective Pixels	5MP 2880 (H)x1620(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.002lux @ F1.0(AGC ON); B/W 0 lux @ IR ON
Operational	
IR LED	10pcs
WarmLight	6pcs
Red Blue Light	2pcs (1 Red&1 Blue)
IR Viewable Length	Up to 25m
WarmLight Viewable Length	Up to 15m
Type of complementary light	Default warm light, switchable infrared light
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Image Setting	Full Color Mode/Day&Night Mode/Smart Illumination
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	NA
Audio	Built-in microphone & Speaker
Custom Voice	Yes

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Electrical	
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption	DC12V : max 6.3W ; POE (48V): max 7.6W
Mechanical	
Material	Metal
Dimensions (HxWxD)	Φ115x54mm