AI Dome

SL-UVC-AI-Dome PROTECT CAMERA

All-weather, vandal-proof 4K PoE dome camera with enhanced AI capabilities and long-range IR night vision.









Available as: SL-UVC-AI-Dome-B, SL-UVC-AI-Dome-W

OVERVIEW

Dimensions	⌀118 × 90.8 mm (⌀4.6 × 3.6")
IR Night Vision	40 m (131 ft)
Face Recognition	✓ Yes
License Plate Recognition	✓ Yes
Smart Detections (People, Vehicles, Animals)	✓ Yes
Resolution	4K
Field of View	H: 109.9°, V: 56.7°, D: 134.1°
Audio	Microphone
Weatherproofing	IP66
Tamper Resistance	IK10
Mounting	Arm, ceiling , pendant, wall mount, junction box

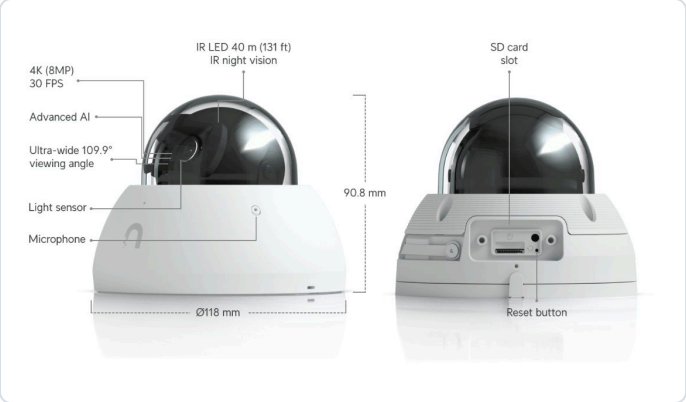
PERFORMANCE

Networking Interface	GbE RJ45 port
Video	
Image Settings	Color, brightness, sharpness, contrast, white balance, exposure control, 2DNR, 3DNR, NR by motion, masking, text overlay, HDR
Max. Frame Rate	30 FPS
Resolution	8MP 3840 × 2160 (16:9)
Optics	
Sensor	1/1.8" 8MP
Lens	Fixed focal length
Night Mode	Built-in IR LED illumination and IR cut filter

HARDWARE

Max. Power Consumption	10W
Supported Voltage Range	42.5–57V DC
Power Method	PoE
Processor	Quad-core Arm® Cortex®-A53 based chip
Weight	700 g (1.5 lb)
Enclosure Material	Aluminum alloy, polycarbonate
Mount Material	Surface mount: polycarbonate
Expansion Slot	MicroSD Card *Requires a memory card with at least 64GB of storage*
Button	(1) Factory reset
Cable	
Cable Connector Type	RJ45
Cable Diameter	4.5 mm (0.2")
Cable Length	30 cm (1 ft)
Jacket Material	Thermoplastic elastomer
Jacket Enclosure Dimensions	⌀20 × 70.6 mm (0.8 × 2.8")
Jacket Enclosure Material	Thermoplastic elastomer, polycarbonate, silicone rubber
Ambient Operating Temperature	-30 to 50° C (-22 to 122° F)
Ambient Operating Humidity	0 to 90% noncondensing
NDAA Compliant	✓ Yes
Certifications	CE, FCC, IC

PRODUCT DRAWINGS









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