

5MP WDR Starlight Vandal-resistant Network IR Fixed Dome Camera

UNC-IPD5SA-Y



Key Features

Optics

- Starlight illumination
- Day/night functionality
- Smart IR, up to 30 m (98 ft) IR distance
- Up to 120 dB WDR (Wide Dynamic Range)
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265 , H.264, MJPEG
- Embedded smart algorithm
- ROI (Region of Interest)
- Customized OSD

Network

- ONVIF Conformance

Structure

- Wide temperature range: -35°C to 60°C (-31°F to 140°F)
- Wide input voltage range of $\pm 25\%$
- IK10 vandal resistant
- IP67
- 3-Axis

Specifications

	UNC-IPD5SA-Y 2.8mm	UNC-IPD5SA-Y 4mm			
Camera					
Sensor	1/2.7", progressive scan, 5.0 megapixel, CMOS				
Lens	2.8 mm@F1.6	4.0 mm@F1.6			
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
	2.8mm	63	25.2	12.6	6.3
	4mm	90	36	18	9
Angle of View (H)	105.3°	79.7°			
Angle of View (V)	69.5	51.8			
Angle of View (O)	136.8	98.1			
Adjustment angle	Pan: 0°~360°	Tilt: 0°~75°	Rotate: 0°~360°		
Shutter	Auto/Manual, 1~1/100000 s				
Minimum Illumination	Colour: 0.005 Lux (F1.6, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>55 dB				
IR Range	Up to 30m (98 ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Video					
Video Compression	Ultra 265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream: 5MP(2592 x 1944): Max. 20 fps, 5MP(2592 x 1944): Max. 25 fps(WDR OFF), 4MP(2560 x 1440): Max. 30 fps, 3MP(2048x 1536): Max. 30 fps, 2MP(1920 x 1080): Max. 30 fps; Sub Stream: 2MP(1920 x 1080): Max. 30 fps; Third Stream: D1(720 x 576): Max. 30 fps;				
HLC	Supported				
BLC	Supported				
9:16 Corridor Mode	Supported				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 8 areas				

ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Smart	
Behavior Detection	Intrusion, cross line, motion detection
Intrusion	Enter and loiter in a pre-defined virtual region
cross line	Cross a pre-defined virtual line
motion detection	Moving within a pre-defined virtual region
Recognition	Face detection、Audio detection
Intelligent Identification	Defocus, Scene Change, Object Left, Object Moving
Statistical Analysis	People counting
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8 KHZ
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP
Compatible Integration	ONVIF(Profile S ,Profile G, Profile T), API
Interface	
Audio I/O	2 Input: impedance 35 k Ω ; amplitude 2 V [p-p]
	1 Output: impedance 600 Ω ; amplitude 2 V [p-p]
Alarm I/O	1/ 1
Network	1 RJ45 10M/100M Base-TX Ethernet
General	
Power	12 V DC \pm 25%, PoE (IEEE802.3 af)
	Power consumption: Max 5W
Dimensions (\varnothing x H)	\varnothing 108.5 x 81 mm (\varnothing 4.28" x 3.2")
Weight	0.45 kg (0.99 lb)
Working Environment	-35°C ~ +60°C (-31°F ~ 140°F), Humidity:10%~95% RH(non-condensing)
Ingress Protection	IP67
Vandal Resistant	IK10

Dimensions

