

## 4MP WDR Vandal-resistant Network IR Fixed Dome Camera

UNC-IPD4SA



### Key Features

#### Optics

- 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.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

## Specifications

	UNC-IPD4SA 2.8mm	UNC-IPD4SA 3.6mm	UNC-IPD4SA 6mm		
<b>Camera</b>					
Sensor	1/3", progressive scan, 4.0 megapixel, CMOS				
Lens	2.8mm@F2.0	3.6mm@F2.0	6.0mm@F2.0		
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
	2.8mm	63	25.2	12.6	6.3
	3.6mm	81	32.4	16.2	8.1
	6 mm	135	54	27	13.5
Angle of View (H)	104.4°	86.4°	49.9°		
Angle of View (V)	67°	53.2°	32.9°		
Angle of View (O)	135.7°	112.3°	61.4°		
Adjustment angle	Pan: 0°~360°	Tilt: 0°~90°	Rotate: 0°~360°		
Shutter	Auto/Manual, 1/6~1/100000 s				
Minimum Illumination	Colour: 0.03 Lux (F2.0, 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				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream: 4MP (2592×1520): Max. 20 fps , 4MP (2560×1440): Max. 25 fps , 3MP (2048×1520): Max. 30 fps; Sub Stream: 2MP (1920×1080): Max. 30 fps; Third Stream: D1(720×576) : Max. 30fps				
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				
<b>Smart</b>					
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				

Statistical Analysis	People counting
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
<b>Audio</b>	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8 KHZ
<b>Storage</b>	
Edge Storage	Micro SD, up to 128 GB
Network Storage	ANR
<b>Network</b>	
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), API
<b>Interface</b>	
Audio I/O	Input: impedance 35 k $\Omega$ ; amplitude 2 V [p-p]
	Output: impedance 600 $\Omega$ ; amplitude 2 V [p-p]
Alarm I/O	1/ 1
Network	1 RJ45 10M/100M Base-TX Ethernet
<b>General</b>	
Power	12 V DC $\pm$ 25%, PoE (IEEE802.3 af)
	Power consumption: Max 5.5W
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

