

## 5MP WDR Starlight (Motorized) VF Vandal-resistant Network IR Fixed Dome Camera

UNC-IPD5SA-MY



### Key Features

#### Optics

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

#### Compression

- Ultra 265, H.264, MJPEG
- Embedded smart algorithm
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor mode

## Network

- ONVIF Conformance

## Structure

- Support PoE power supply
- Built-in PoE splitter that outputs DC 12V
- Wide temperature range: -40°C to 60°C (-40°F to 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 3-Axis

## Specifications

UNC-IPD55A-MY					
<b>Camera</b>					
Sensor	1/2.7", progressive scan ,5.0 megapixel, CMOS				
Lens	2.7~13.5mm , AF automatic focusing and motorized zoom lens				
DORI Distance	Lens	Detect(m)	Observe(m)	Recognize(m)	Identify(m)
	2.7mm	60.8	24.3	12.2	6.1
	13.5mm	303.8	121.5	60.8	30.4
Angle of View (H)	93.38° ~ 28.56°				
Angle of View (V)	88°~ 16.4°				
Angle of View (O)	121.4°~33.7°				
Adjustment angle	Pan: 0°~360°		Tilt: 0°~80°		Rotate: 0°~360°
Shutter	Auto/Manual, shutter time: 1~1/100000 s				
Minimum Illumination	Colour: 0.002 Lux (F1.2, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98 ft) IR range				
Defog	Digital Defog				
WDR	120dB				
<b>Video</b>					
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.3 0 fps;
9:16 Corridor Mode	Supported
HLC	Supported
BLC	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, 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
<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 256 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, Profile T), API
<b>Interface</b>	
Audio I/O	Audio cable
	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
Video Output	1 BNC, impedance 75 $\Omega$ ; amplitude 1 V [p-p]
<b>General</b>	
Power	12 V DC $\pm$ 25%, PoE (IEEE802.3 af)
	Power consumption: Max.8.7W
Dimensions ( $\varnothing$ x H)	$\varnothing$ 148 x 111.3 mm ( $\varnothing$ 5.8" x 4.4")
Weight	0.92 kg (2.0 lb)
Working Environment	-40°C ~ +60°C (-40°F ~ 140°F), Humidity $\leq$ 95% RH(non-condensing)
Ingress Protection	IP67
Vandal Resistant	IK10

Reset Button	Supported
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## Dimensions

