

# DH-SD59225U-HNI

2MP 25x Starlight IR PTZ Network Camera



- 1/2.8" 2Megapixel Exmor R CMOS
- · Powerful 25x optical zoom
- Starlight technology
  - · H.265 Encoding
  - · Max. 50/60fps@1080P, 25/30/50/60fps@720P
  - Auto-tracking and IVS(Optional)
  - · Support PoE+
  - · IR distance up to 150m
  - · IP66



### System Overview

Featuring with powerful optical zoom and accurate pan/tilt/zoom performance, the SD59 series PTZ camera can provide large monitoring range and great detail. The camera delivers 1080P resolution at 50/60 fps, with 25x optical zoom, and has very excellent low light performance due to adopting the latest starlight technology. SD59 series PTZ is equipped with quick and smooth control, high quality image and good protection, which make it can meet most of the requirements of video surveillance applications.

### Functions

### Starlight Technology

Thanks to our experience and expertise in hardware and software development, the camera is equipped with the latest image processing algorithm, high performance hardware and high quality optical components, which make the camera have very exellent low light performance. In most conditions, this camera can deliver clear, bright and low-noise color images.

### Wide Dynamic Range

Embedded with industry leading wide dynamic range (WDR) technology, vivid pictures are achieved even in the most intense contrast lighting conditions. For applications with both bright and low lighting conditions that change quickly, true WDR (120dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.

### Auto-tracking

The camera supports auto-tracking. The tracking action can be triggered manually or automatically by defined rules. Once rules are triggered, the camera can zoom in and track the defined target automatically.

### H.265

The camera supports H.265 encoding, which provides a savings of more than 50% of bandwidth and storage compared with H.264. This technology can help our customers to reduce the cost of the project and improve the transmission efficiency.

### Environmental

With a temperature range of -40 °C to +70 °C (-40 °F to +158 °F), the camera is designed for extreme temperature environments. Subjected and certified to rigorous dust and water immersion tests, the IP66 rating makes it suitable for demanding outdoor applications. Protection

This camera suits even the harsh conditions for outdoor applications. Its 6KV lightning rating provides protection against the camera and its structure from the effects of lightning.

#### Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) and PSIA (Physical Security Interoperability Alliance) specifications, ensuring interoperability between network video products regardless of manufacturer.



# Pro Series | DH-SD59225U-HNI

## **Technical Specification**

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Sub stream2 1080P/1.3M/720P/D1/ CIF (1 ~ 25/30fps)	Frame Rate	Sub stream1	D1/CIF(1 ~ 25/30fps)
		Sub stream2	1080P/1.3M/720P/D1/ CIF (1 ~ 25/30fps)

Bit Rate Control	CBR/VBR
Bit Rate	H.265/H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120dB)
White Balance	Auto,ATW,Indoor,Outdoor,Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Motion Detetion	Support
Region of Interest	Support
Electronic Image Stabilization (EIS)	Support
Defog	Support
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas
Audio	
Compression	G.711a/G.711Mu/AAC/G.722 / G.726/G.729/ MPEG2-L2
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6,HTTP,HTTPS,SSL,TCP/IP, UDP,UPnP, ICMP,IGMP,SNMP,RTSP,RTP, SMTP, NTP,DHCP, DNS,PPPOE,DDNS,FTP, IP Filter,QoS,Bonjour,802.1x
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	20 users
Edge Storage	NAS (Network Attached Storage),Local PC for instant recording, 128GB
Web Viewer	IE10/Google/Firefox/Safari
Management Software	Smart PSS, DSS
Smart Phone	iPhone, iPad, Android, Windows Phone
Certifications	
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB,ANSI C63.4- 2014 UL: UL60950-1+CAN/CSA C22.2,No.60950-1
Interface	
Video Interface	N/A
Audio Interface	1/1
RS485	N/A
Alarm	2/1
Electrical	
Power Supply	AC24V/3A(±10%), PoE+(802.3at)
Power Consumption	13W,23W (IR on)

# Pro Series | DH-SD59225U-HNI

### Environmental

Operating Conditions	-40°C ~ 70°C (-40°F ~ +158°F) / Less than 90% RH
Ingress Protection	IP66
Vandal Resistance	N/A
Construction	
Casing	Metal
Dimensions	Φ186.0(mm) x 309(mm)
Net Weight	3.5kg(7.72lb)
Gross Weight	6.8kg(14.99lb)

### **Ordering Information**

Туре	Part Number	Description
	DH-SD59225U-HNI	2MP 25x Starlight IR PTZ Network Camera, WDR, PAL
2MP PTZ	DH-SD59225UN-HNI	2MP 25x Starlight IR PTZ Network Camera, WDR, NTSC
Camera	SD59225U-HNI	2MP 25x Starlight IR PTZ Network Camera, WDR, PAL
	SD59225UN-HNI	2MP 25x Starlight IR PTZ Network Camera, WDR, NTSC
	PFB300S	Wall Mount
	PFA110	Mount Adapter
	AC24V/3A	Power Supply
	PFA140	Power box
Accessories	PFB300C	Ceiling Mount
	PFA120	Water-proof Junction Box
	PFA150	Pole Mount
	PFA151	Corner Mount
	PFB303S	Parapet mount

### Accessories

### Included:

Optional:



Wall Mount

PFA140

Power box

PFA150

Pole Mount





AC24V/3A

Power Supply

PFA110 Mount Adapter







PFA120 Junction Box





PFB300C

Ceiling Mount





PFA151 Corner Mount



Ceiling Mount	Junction Mount
PFA110 + PFB300C	PFA110 + PFB300S + PFA120
Power Box Mount	Pole Mount
PFA110 + PFB300S + PFA140	PFA110 + PFB300S + PFA150
Corner Mount	Parapet Mount
PFA110 + PFB300S + PFA151	PFA110 + PFB303S



# Pro Series | DH-SD59225U-HNI

# Dimensions (mm)



