

# DH-SD6C3432GB-HNR-AGQ-PV1-EAU

4MP 32x Starlight TiOC WizSense Network PTZ Camera



### Wiz Sense

Launched by Dahua Technology, WizSense is a series of AI products and solutions that adopt independent AI chip and deep learning algorithm. It focuses on human and vehicle with high accuracy, enabling users to fast act on defined targets. Based on Dahua's advanced technologies, WizSense provides intelligent, simple and inclusive products and solutions.

#### System Overview

The Three-in-One Camera (TiOC) solution combines 24/7 monitoring, active deterrence and real-time alarms with artificial intelligence into one smart, innovative solution. TiOC PTZ cameras adopt auto-tracking 3.0 technology, greatly improving the monitoring scope of key targets. For distributors and installers, it not only saves time, but also reduces cost.

#### Functions

#### Starlight Technology

With advanced image processing technology and optical technology, Dahua Starlight technology can provide clear colorful video in the environment of low illuminance. It widely applies to various environments of low illuminance.

#### **PFA Technology**

PFA technology has introduced new methods of judgment that ensure the accuracy and predictability of the direction of subject distance adjustment. The result is a set of advanced focusing algorithms that ensure image clarity when zooming and that shorten focus time. This makes the camera highly advanced in its functions, substantially improving the quality of your experience.

- · 1/2.8" 4Megapixel STARVIS™ CMOS.
- · 32x optical zoom.
- $\cdot$  Starlight technology.
- Max. 25/30fps@4MP.
- $\cdot$  IR distance up to 150 m.
- $\cdot$  Auto-tracking 3.0.
- · Perimeter protection.
- · Face detection.
- ·4G
- · SMD 4.0.
- · Smart Dual Light.
- · IP66.



#### Wide Dynamic Range

The camera produces vivid images, even in high-contrast lighting conditions, by using industry-leading wide dynamic range (WDR) technology. For scenes that quickly alternate between bright and low lighting, WDR adjusts to fully capture both the bright and dark areas of a scene, producing superior quality videos.

#### **Perimeter Protection**

Automatically filters out false alarms caused by animals, rustling leaves, bright lights, and more, and uses secondary recognition during target detection to improve alarm accuracy.

#### Protection (-10% to +25%, 6 kV)

Designed with -10% to +25% input voltage tolerance, the camera is suitable for even the most unstable outdoor conditions. Its 6 kV lightning rating ensures protection against lightning for both the camera and its structure.

#### Siren and Light Active Deterrence

The camera supports the red-blue light alarm and voice alarm when perimeter event occurs, to realize the deterrence and effective intervention. The camera is built in the alarm voice, and supports customized voice importing.

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	Technical Specification		IVS (Perimeter Protection)	
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RAM168Image: The set of the set	ROM	4 GB		
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Standing SystemProgressizeNote that State S	Electronic Shutter Speed	1 s-1/30,000 s		
Min. Illumination	Scanning System	Progressive		white, and black. An alarm will be triggered when a person is not wearing a helmet or when the color of the helmet that they are wearing does not match the configured color. It also supports compliance detection for work uniforms. Up to 5 work uniform sample libraries can be uploaded, which together can contain up to 1,000 images (the images must be 1080p and in the JPG format). An alarm will be triggered when the similarity between the detected work uniform and the samples in the library is below the set threshold (that is, below the minimum compliance standard for work uniforms). The system
Itumination Distance     Some (EGA 441 () while legit)     Some (EGA 441 () while legit)       iii luminator On/Off Control     Zoom Prix, Manual, Auto, Off     Construction Detection     Figure of while legits of the uniform, and the samples in the library is parter by the other and the samples in the library is parter by the other and the samples in the library is parter by the other an interparter by the other and the samples in the library is parter by the other and the sample in the library is parter by the other and the sample in the library is parter by the other and the sample in the library is parter by the other and the sample in the library is parter by the other and the sample in the library is parter by the other and the sample in the library is parter by the other by th	Min. Illumination	0.0005 lux@F1.6 (B/W, 30 IRE);		
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			Video Bit Rate	H.264: 96 Kbps–14,848 Kbps H.265: 38 Kbps–8,960 Kbps

## Wiz Sense | DH-SD6C3432GB-HNR-AGQ-PV1-EAU

Day/Night	Auto (ICR); Color/B/W			
BLC	Yes			
WDR	120 dB			
HLC	Yes			
White Balance	Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp			
Gain Control	Auto; manual			
Noise Reduction	2D NR; 3D NR			
Motion Detection	Yes			
Region of Interest (RoI)	Yes			
Image Stabilization	Electronic Image Stabilization (EIS)			
Defog	Electronic			
Digital Zoom	16×			
Image Rotation	180°			
Privacy Masking	Up to 24 areas can be set, with up to 8 areas in the same view; Multiple colors available			
S/N Ratio	≥55 dB			
Audio				
Audio Compression	PCM; G.711a; G.711Mu; G.726; MPEG2-Layer2; G722.1; G729; G723			
Network				
Network Port	RJ-45 (10/100 Base-T)			
Wireless Carrier Frequency Band	LTE-FDD: Seven-Band B1/3/5/7/8/20/28 LTE-TDD: Tri-Band 38/40/41 WCDMA: Tri-Band 1/5/8 GSM: Band3/5/8			
Power Transmission	CE: 4G: Power class3: 23 dBm ±2.7 dB 3G: Power class3: 24 dBm +1/-3 dB 2G: Power class0: 30 dBm ±2 dB (GSM1800/1900) Power class5: 33 dBm ±2 dB (GSM850/900)			
Network Protocol	FTP;RTMP;IPv6;Bonjour;IPv4;DNS;RTCP;PPPoE;NTP;RT P;802.1x;QoS;HTTPS;SNMP;TCP/IP;DDNS;UPnP;NFS;IC MP;UDP;IGMP;HTTP;SSL;DHCP;SMTP;RTSP;ARP			
Interoperability	ONVIF (Profile S & Profile G & Profile T); CGI; SDK			
Streaming Method	Unicast; Multicast			
User/Host	20 (total bandwidth: 64 M)			
Storage	Micro SD card (512 GB); FTP/SFTP; NAS			
Browser	IE 9 and later versions; Chrome 41 and later versions; Firefox 50 and later versions; Safari 10 and later versions			
Management Software	DMSS; DSS Pro			
Mobile Client	iOS; Android			
Port				
RS-485	1 (baud rate: 1200 bps-9600 bps)			
Audio Input	1 channel (LINE IN, bare wire)			

Audio Output	1 channel (LINE OUT,bare wire; built-in speaker (mutually exclusive)			
Alarm Input	2 (on-off value input: 0–5 VDC)			
Alarm Output	1 channel			
Alarm Linkage	Capture; recording; send email; preset; tour; pattern; alarm digital output; audio; warning light			
Alarm Event	Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection			
Power				
Power Supply	12 VDC, 4 A (-10% to +25%)			
Power Consumption	Deep sleep: 0.12 W Light sleep: 2.64W Basic: 7 W (not pulling stream in 4G); 8 W (pulling stream in 4G); Basic: 11 W (illuminator + not pulling stream in 4G), 12 W (illuminator + pulling stream in 4G) Max: 18 W (illuminator + red and blue alarm lights + speaker + 4G + PTZ)			
Environment				
Operating Temperature	–40 °C to +70 °C (–40 °F to +158 °F)			
Operating Humidity	≤ 95%			
Protection	IP66; TVS 6000 V lightning proof; surge protection; voltage transient protection			
Structure				
Product Dimensions	325.0 mm × Φ211.0 mm (12.80" × Φ8.31")			
Net Weight	4.2 kg (9.26 lb)			
Gross Weight	6.7 kg (14.77 lb)			

Ordering Information				
Туре	Model	Description		
PTZ Camera	DH-SD6C3432GB-HNR- AGQ-PV1-EAU	4MP 32x Startlight TiOC WizSense Network PTZ Camera		
	SD6C3432GB-HNR-AGQ- PV1-EAU	4MP 32x Startlight TiOC WizSense Network PTZ Camera		
Accessories	PFB305W	Wall Mount Bracket		
	DC12V/4A	Power Adapter		
	PFA111	Mount Adapter		
	PFB301C	Ceiling Mount Bracket		
	PFB300C	Ceiling Mount Bracket		
	PFA126	Junction Box		
	PFA150	Pole Mount Bracket		
	PFA151	Corner Mount Bracket		
	PFB301S-E	Plane Mount Bracket		
	PFB303S	Parapet Mount Bracket		

### Wiz Sense | DH-SD6C3432GB-HNR-AGQ-PV1-EAU

#### Accessories

#### Included:



PFB305W Wall Mount Bracket

Optional:



PFA111 Mount Adapter



PFA126 Junction Box



PFB301S-E Plane Mount Bracket

DC12V/4A Power Adapter



PFB301C Ceiling Mount Bracket



PFA150 Pole Mount Bracket



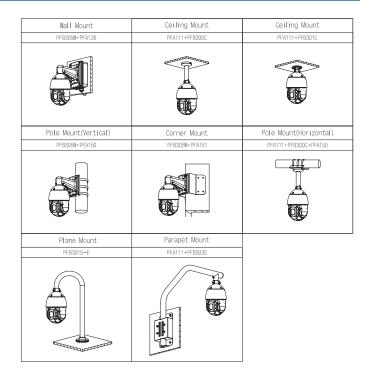
PFB303S Parapet Mount . Bracket



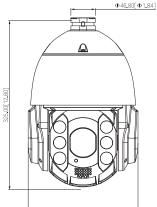
Ceiling Mount Bracket

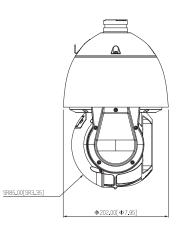


PFA151 Corner Mount Bracket



### Dimensions (mm[inch])





Φ211.00[Φ8.31]



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