

DH-SD29204T-GN-W

2MP 4x IR PTZ Network Camera



- · 1/2.7" 2Megapixel CMOS
- · Powerful 4x optical zoom
- · Support Triple-streams encoding
- · WDR, Day/Night(ICR), Ultra DNR
- · Max. 25/30fps@1080P, 25/30/50/60fps@720P
- · IVS(Optional)
- · Support Wifi
- · IR distance up to 30m



System Overview

Featuring with powerful optical zoom and accurate pan/tilt/zoom performance, the SD29 series PTZ camera can provide large monitoring range and great detail. The camera delivers 1080P resolution at 25/30 fps, with 4x optical zoom. SD49 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

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.

Environmental

With a temperature range of -30 $^{\circ}$ C to +60 $^{\circ}$ C (-22 $^{\circ}$ F to +140 $^{\circ}$ F), the camera is designed for extreme temperature environments.

Smart H.264-

Delivering high quality video without straining the network, Smart H.264+ is the optimized implementation of H.264. The Smart H.264+ encoding platform includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing a savings of up to 70% of bandwidth and storage when compared with standard H.264.

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.



Technical Specification			Bit Rate Control
Camera			Bit Rate
Image Sensor		1/2.7" CMOS	Day/Night
Effective Pixels		1920(H) x 1080(V), 2 Megapixels	Backlight Compensation
RAM/ROM		256M/128M	White Balance
Scanning System		Progressive	Gain Control
Minimum Illumination		Color: 0.05Lux@F1.6; 0Lux@F1.6 (IR on)	Noise Reduction
S/N Ratio		More than 50dB	Motion Detetion
IR Distance		Distance up to 30m (98ft)	Region of Interest
IR On/Off Control		Auto/Manual	Electronic Image
IR LEDs		4	Stabilization (EIS)
Lens			Defog
Focal Length		2.7mm~11mm	Digital Zoom
Max. Aperture		F1.6 ~ F2.8	Flip
Angle of View		H: 112.5° ~ 30°	Privacy Masking
-		4x	Audio
Optical Zoom		Auto/Manual	Compression
Focus Control			Network
Close Focus Distance		100mm~ 1000mm	Ethernet
PTZ			Wi-Fi
Pan/Tilt Range Manual Control Speed		Pan: 0° ~ 360° limited; Tilt: 0° ~ 90° Pan: 0.1° ~100° /s; Tilt: 0.1° ~60° /s	Protocol
Preset Speed		Pan: 100° /s; Tilt: 60° /s	Interoperability
Presets		300	Streaming Method
PTZ Mode		5 Pattern, 8 Tour, Auto Pan ,Auto Scan	Max. User Access
Speed Setup		Human-oriented focal Length/ speed adaptation	Edge Storage
Power up Action		Auto restore to previous PTZ and lens status after power failure	Web Viewer
Idle Motion		Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period	Management Software
Protocol		DH-SD	Smart Phone
Intelligence			Certifications
Auto Tracking		N/A	Coultination
IVS (optional)		Tripwire, Intrusion, Abandoned/Missing, Face Detection	Certifications
Video		Second	Interface
		H.264+/H.264 / MJPEG	Video Interface
Compression Streaming Canability		3 Streams	Audio Interface
Streaming Capability		1080P(1920×1080)/720P(1280×720)/	RS485
Resolution		D1(704×576/704×480)/CIF(352×288/352×240)	Alarm
Frame Rate	Main stream	1080P/D1(1 ~ 25/30fps), 720P(1~50/60fps)	Electrical
	Sub stream1	D1/CIF(1 ~ 25/30fps)	Power Supply
	Sub stream2	720P/D1/ CIF (1 ~ 25/30fps)	Power Consumption

Environmental

Operating Conditions	-30°C ~ 60°C (-22°F ~ +140°F) / Less than 90% RH	
Ingress Protection	N/A	
Vandal Resistance	N/A	

Construction

Casing	Metal
Dimensions	Ф132.7 (mm) x 116.5 (mm)
Net Weight	0.95kg(2.09lb)
Gross Weight	1kg(2.20lb)

Ordering Information					
Туре	Part Number	Description			
	DH-SD29204T-GN-W	2MP 4x IR PTZ Network Camera, WDR, PAL			
2MP PTZ	DH-SD29204TN-GN-W	2MP 4x IR PTZ Network Camera, WDR, NTSC			
Camera	SD29204T-GN-W	2MP 4x IR PTZ Network Camera, WDR, PAL			
	SD29204TN-GN-W	2MP 4x IR PTZ Network Camera, WDR, NTSC			
	PFB302S	Wall Mount			
	PFA103	Mount Adapter			
Accessories	DC12V/1.5A	Power Supply			
Accessories	PFB300C	Ceiling Mount			
	PFA150	Pole Mount			
	PFA151	Corner Mount			

Accessories

Optional:



PFB302S Wall Mount



PFA150 Pole Mount



PFA103 Mount Adapter



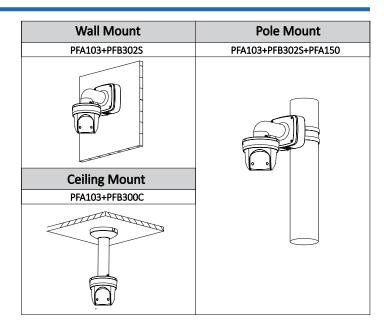
PFB300C Ceiling Mount



DC12V/3A Power Supply



PFA151 Corner Mount



Dimensions (mm)

