

DH-SD22204I-GC

2MP 4x PTZ HDCVI Camera



- · 1/2.7" 2Megapixel CMOS
- · Powerful 4x optical zoom
- · 120dB true WDR, 3D DNR
- · Max. 25/30fps@1080P, 25/30/50/60fps@720P
- · IP66, IK10









System Overview

Featuring with powerful optical zoom and accurate pan/tilt/zoom performance, the SD22 series PTZ camera can provide large monitoring range and great detail. The camera delivers 1080P resolution at 25/30 fps, with 4x optical zoom. SD22 series PTZ is equipped with smooth control, high quality image and good protection, which make it can meet small size of video surveillance applications.

Functions

Simplicity

HDCVI technology inherits the born feature of simplicity from traditional analog surveillance system, making itself a best choice for investment protection. HDCVI system can seamlessly upgrade the traditional analog system without replacing existing coaxial cabling. The plug and play approach enables full HD video surveillance without the hassle of configuring a network.

Environmental

With a temperature range of -30 °C to +60 °C (-22 °F to +140 °F), the camera is designed for extreme temperature environments. The camera complies to an IK10 impact rating making it capable of withstanding the equivalent of 55 kg (120 lbs) of force. Subjected and certified to rigorous dust and water immersion tests, the IP66 rating makes it suitable for demanding applications.



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March Marc		сіпсапоп				
Effective Places 1944(II) x 1962(IV), 2 Megaphach Progressive Cain Control Auto, / Manual Illumination Color GSLuxdP18, B, MV: 0.005LuxdP18 B Fig. 180° Fig.	Camera					
Scanning System Progressive Gain Control Auto / Manual Flectronic Shutter Speed 1/3s~1/300,000s Noise Reduction Ultra DNR (2D/3D) Minimum Illumination Colors 0.05Lux@F1.6; R/Ws 0.005Lux@F1.6 Flip 150 180	Image Sensor				- '	
Description Shutter Speed 1/3 - 1/300,000 Noise Reduction Ultra DNR (2D/3D)	Effective Pixels		1944(H) x 1092(V), 2 Megapixels		White Balance	Auto,ATW,Indoor,Outdoor,Manual
Minimum Illumination	Scanning System		Progressive		Gain Control	Auto / Manual
Flip 180"	Electronic Shutter Speed		1/3s~1/300,000s		Noise Reduction	Ultra DNR (2D/3D)
R Distance	Minimum Illumination		Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6		Digital Zoom	16x
IR On/Off Control IR LEDS N/A Less Certifications CE: ENS5032/EN	S/N Ratio		More than 55dB		Flip	180°
Certifications	IR Distance		N/A		Privacy Masking	Up to 24 areas
Certifications FCC: PartITS subpart R, ANSIS (G3.4.2014 UE: U160950-1+CAN/CSA C22.2, No.60950-1+CAN/CSA C22.2, No.60	IR On/Off Control	1	N/A		Certifications	
Focal Length 2.7mm*11mm Interface Max. Aperture N/A Video Interface 1 Audio Interface N/A Angle of View H: 112.5° = 30° Audio Interface N/A Alarm I/O N/A Alar	IR LEDs		N/A		Certifications	FCC: Part15 subpartB,ANSI C63.4- 2014
Max Aperture N/A Angle of View			2.7mm~11mm		Interface	
Angle of View					Video Interface	1
Optical Zoom Auto/Manual Close Focus Control Auto/Manual Close Focus Distanc 100mm* 1000mm DORI Distance *Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 626764 which defines the criteria for Detected. Observe Recognize Identify 120m(394ft) 48m(157ft) 24m(79ft) 12m(39ft) PTZ Pan/Tilt Range Pan: 0° 355°, Tilt: 0° 90° Manual Control Speed Pan: 0° 100° /5; Tilt: 0° 90° Manual Control Speed Pan: 100° /5; Tilt: 0° 90° Preset Speed Pan: 100° /5; Tilt: 0° 5 Preset Speed Pan: 100° /5; Tilt: 0° 5 Preset Speed Pan: 100° /5; Tilt: 0° 5 Preset Speed Setup Human-oriented focal Lengthy speed adaptation Auto restore to previous PTZ and lens status after power failure Idle Motion Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period Protocol Unideo Resolution RS485 Alarm I/O N/A Alarm I/O N/A Alarm I/O Power Supply DC 12V/1.5A Power Consumption 10W Environmental Conditions -30°C ~60°C (-22°F ~ +140°F) / Less than 90° Ingress Protection Ing	•				Audio Interface	N/A
Alarm I/O N/A Power Consumption 1000 Emvironmental Operating Conditions -30°C ~ 60°C (-22°F ~ +140°F) / Less than 90°C Ingress Protection IP66 Alarm I/O N/A Power Consumption 1000 Emvironmental Operating Conditions -30°C ~ 60°C (-22°F ~ +140°F) / Less than 90°C Ingress Protection IP66 Alarm I/O N/A Power Consumption 1000 Emvironmental Operating Conditions -30°C ~ 60°C (-22°F ~ +140°F) / Less than 90°C Ingress Protection IP66 Alarm I/O N/A Power Consumption 1000 -30°C ~ 60°C (-22°F ~ +140°F) / Less than 90°C Ingress Protection IP66 Alarm I/O N/A Power Consumption 1000 -30°C ~ 60°C (-22°F ~ +140°F) / Less than 90°C Ingress Protection IP66 Alarm I/O N/O Emvironmental Operating Conditions -30°C ~ 60°C (-22°F ~ +140°F) / Less than 90°C Ingress Protection IP66 Alarm I/O N/O Power Consumption 1000 -30°C ~ 60°C (-22°F ~ +140°F) / Less than 90°C Ingress Protection IP66 Alarm I/O N/O Power I/O Alarm I/O N/O Power I/O Alarm I/O N/O Power I/O Alarm I/O N/O Power Supply 0.00 (120°C) (-22°F ~ +140°F) / Less than 90°C Ingress Protection IP66 Alarm I/O Alarm I/O Power I/O Alarm I/O Power Consumption 1000 -30°C ~ 60°C (-22°F ~ +140°F) / Less than 90°C Ingress Protection IP66 Alarm I/O Alarm I/O Power I/O Alarm I/O Power I/O Alarm I/O Power Supply 0.00 (120°C) (-22°F ~ +140°F) / Less than 90°C Ingress Protection IP6	-				RS485	1
Close Focus Distance 100mm~ 1000mm 100RI Distance *Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 6267-6-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively. Detect Observe Recognize Identify 120m(394t) A8m(157ft) 24m(79ft) 12m(39ft) Pan/Tilt Range Pan: 0-" >355"; Tilt: 0" "90" Pan/Tilt Range Pan: 0-" >355"; Tilt: 0.1" ~60"/s Preset Speed Pan: 100" /s; Tilt: 0.1" ~60"/s Presets 300 PTZ Mode 5 Pattern, 8 Tour, Auto Pan, Auto Scan Speed Setup Human-oriented focal Length/ speed adaptation Power up Action Activate Preset/ Scan/ Tour/ Patern if there is no command in the specified period Protocol DH-SD, Pelco-P/D (Auto recognition) Video Resolution Electrical Power Supply DC 12V/1.5A Power Consumption 10W Environmental Capital Conditions -30°C ~60°C (-22°F ~140°F) / Less than 90° ingress Protection IP66 Vandal Resistance IK10 Casing Metal Dimensions Ф122 (mm) x 89 (mm) Net Weight 0.65kg(1.32lb) Gross Weight 0.65kg(1.43lb) Gross Weight 0.65kg(1.43lb)					Alarm I/O	N/A
Power Supply DC 12V/1.5A *Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and identify respectively. Detect Observe Recognize Identify 120m(394ft) 48m(157ft) 24m(79ft) 12m(39ft) PTZ Pan/Tilt Range Pan: 0° ~ 355°, Tilt: 0° ~ 90° Manual Control Speed Pan: 0.1° ~ 100° /s; Tilt: 0.1° ~ 60° /s Preset Speed Pan: 0.0° /s; Tilt: 60° /s Presets 300 PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan Speed Setup Human-oriented focal Length/ Speed adaptation Power up Action Auto restore to previous PTZ and lens status after power failure Idle Motion Command in the specified period Protocol DH-SD, Pelco-P/D (Auto recognition) Video Resolution Construction Power Supply DC 12V/1.5A Power Consumption 10W Environmental Construction Casing Metal Dimensions D122 (mm) x 89 (mm) Net Weight O.6kg(1.32lb) Gross Weight O.6kg(1.32lb) Gross Weight O.6skg(1.43lb)					Electrical	
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pinpion the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to \$10 82676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively. Detect Observe Recognize Identify 120m(394ft) 48m(157ft) 24m(79ft) 12m(39ft) PTZ Pan/Tilt Range Pan: 0° ~355°; Tilt: 0° ~90° Manual Control Speed Pan: 0.1° ~100° /s; Tilt: 0.1° ~60° /s Preset Speed Pan: 100° /s; Tilt: 60° /s Presets 300 PTZ Mode 5 Pattern, 8 Tour, Auto Pan, Auto Scan Speed Setup Human-oriented focal Length/ speed adaptation Auto restore to previous PTZ and lens status after power failure Power up Action DH-SD, Pelco-P/D (Auto recognition) Video Resolution 1080P(1920×1080)/720P(1280×720)				Power Consumption	10W	
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PTZ Pan/Tilt Range Pan: 0° ~ 355°; Tilt: 0° ~ 90° Manual Control Speed Pan: 0.1° ~ 100° /s; Tilt: 0.1° ~ 60° /s Preset Speed Pan: 100° /s; Tilt: 60° /s Preset Speed Pan: 100° /s; Tilt: 60° /s Preset Speed Pan: 100° /s; Tilt: 60° /s PTZ Mode 5 Pattern, 8 Tour, Auto Pan ,Auto Scan Speed Setup Human-oriented focal Length/ speed adaptation Power up Action Activate Preset/ Scan/ Tour/ Pattern if there is no command in the specified period Protocol DH-SD, Pelco-P/D (Auto recognition) Video Resolution 1080P(1920×1080)/720P(1280×720)	120m(394ft)	48m(157ft)	-		Ingress Protection	IP66
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Video Resolution 1080P(1920×1080)/720P(1280×720)	Idle Motion		Activate Preset/ Scan/ Tour/ Pattern if there is no			
Resolution 1080P(1920×1080)/720P(1280×720)	Protocol	1	DH-SD, Pelco-P/D (Auto recognition)			
	Video					
Frame Rate 25/30fps@1080P, 25/30/50/60fps@720P	Resolution	1	1080P(1920×1080)/720P(1	280×720)		
	Frame Rate		25/30fps@1080P, 25/30/50/60fps@720P			

1-channel BNC high definition video output/ CVBS standard definition video output (switchable)

Video Output

Ordering Information							
Туре	Part Number	Description					
	DH-SD22204I-GC	2MP 4x PTZ HDCVI Camera, WDR, PAL					
2MP PTZ	DH-SD22204IN-GC	2MP 4x PTZ HDCVI Camera, WDR, NTSC					
Camera	SD22204I-GC	2MP 4x PTZ HDCVI Camera, WDR, PAL					
	SD22204IN-GC	2MP 4x PTZ HDCVI Camera, WDR, NTSC					
	PFA137	Mount Adapter					
	DC12V/2A	Power Supply					
Accessories	PFB202W	Wall Mount					
	PFB200C	In-ceiling Mount					
	PFA152	Pole Mount					

Wall Mount	In-ceiling Mount
PFB202W	PFB3200C
Junction Box Mount	Pole Mount
PFA137	PFB202W + PFA152

Accessories

Optional:



PFA137 Mount Adapter



DC12V/2A Power Supply



PFB202W Wall Mount



PFA152 Pole Mount



PFB200C Ceiling Mount

Dimensions (mm)



