

DS-2CD4312FWD-PTZ(S) 1.3 MP Smart PTZ Outdoor Dome Camera





Smart IPC

DS-2CD4312FWD-PTZ(S) is Hikvision Smart IPC and features complete Smart functions including:

Smart Detection

Intrusion Detection, Line Crossing Detection, Object Left/Removal, Area Entering/Leaving, Scene Change Detection, Audio Surge Detection, Audio Loss Detection, Defocus Detection, Face Detection, Object Counting, etc.

Smart Codec

Smart Recording with dual-VCA, Low Bitrate, Low Latency, ROI enhancement, Multi-stream, Rotate Mode, Edge Recording, etc.

Smart Image Control

Support distortion correction

The DS-2CD4312FWD-PTZ(S) series Smart cameras are able to capture high quality colored images. DS-2CD4312FWD-PTZ(S) offers 1.3MP HD resolution with up to 30fps, DWDR, PoE, Defog, motorized PTZ, 3D DNR and complete Smart Feature-set to meet a wide variety of applications.

- 1/3" Progressive Scan CMOS
- 1280 x 960 @ 30fps frame rate
- Slow shutter
- 120dB WDR
- Motorized PTZ
- 3D DNR
- Support 128G on-board storage
- AC24V/PoE



Key Features

Smart

- 6 behavior analysis, 4 exception detections, 1 recognition, 1 statistic function.
- Smart recording: Support edge recording and dual-VCA.
- Smart encoding: Support low bit rate; low latency; ROI enhance encoding
- Smart lens options: AF lens

Image

- HD 1280 × 960@30fps
- Supports image distortion correction
- Support rotate mode, suitable for environment as corridor.
- Support regional cropping, details can be seen with low bandwidth.
- Code smoothness setting for different requirements of image quality and fluency.
- Support H.264/MJPEG/MPEG4 video compression, multi-level video quality configuration; support Basic/Main/High Profile H.264 encoding complexity.
- Multiple OSD color: Black & white self-adaptive; Custom
- Digital WDR is supportable for backlight environment.
- Support defog, BLC, HLC.

System

- Support ONVIF (profile S/profile G), CGI, PSIA, ISAPI protocol.
- Support three streams, and Support 20 channels live view at the same time.
- AF automatic fast focus, maintain focused during zooming
- Anti-surge, anti-static, IP66 & IK10 protection level.
- Support motorized PTZ

Interface

- Support standard 128G Micro SD/SDHC/SDXC card storage.
- Support 10M/100M/1000M Ethernet Port.
- Support Audio I/O, support dual channel stereo audio (-S)
- Support Alarm I/O (-S)
- Support CVBS analog output (4CIF resolution) and RS-485 interface (-S)

Security

- Support three-level user authentication management, user and password authorization, IP address filtering and anonymous access.
- Support security certificate as HTTPS, SSH; support creating certificate.
- Basic and digest authentication is supportable in IE configuration
- Lock user IP for many times error login



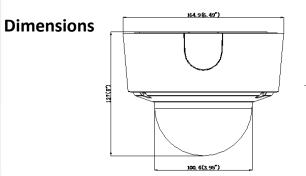
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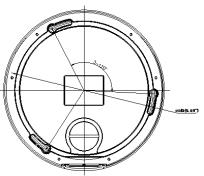


Specification

Inage Sensor1/3" Progressive Scan CMOSMin. Illumination0.11 Lux @ [F1.2, AGC 0N], 0.014 Lux @ [F1.4, AGC 0N]Min. Illumination0.01 Lux @ [F1.2, AGC 0N], 0.014 Lux @ [F1.4, AGC 0N]Siver ShutterSupportLens2.8-12/2m @ F1.4, angle of view: 98.4-30.2"; 8-32mm @ F1.4, angle of view: 27.8-9.1"Lens Mount014Angle AdjustmentPan: 0". 355", Tilt: 0". 75", Rotation: 0". 355"Angle AdjustmentPan: 0". 355", Tilt: 0". 75", Rotation: 0". 355"AttorisDC driveDay & NightIC Cut Filter with auto switchWDR120dBLoba Scancer120dBVideo CompressionH.264/MPEG4LAC6 TypeBaseline Profile / Main Profile / High ProfileVideo Compression6.711/G.722.1/G.726./MP2L2Audio Bit Rate32 Kbps - 16 MbpsAudio Bit Rate1280 × 960Yane Rate50H2: S0Ps (1280 × 560)/(1280 × 720)Grift StreamS0H2: S0Ps (1280 × 960)/(1280 × 720)Frame Rate50H2: S0Ps (1280 × 960)/(1280 × 720)SoldH2: S2Fps (1280 × 960)/(1280 × 720)Chrift StreamBLC/HLC/3D DMR/R01/DefogInage EnhancementBLC/HLC/3D DMR/R01/DefogInage EnhancementBLC/HLC/3D DMR/R01/DefogNation CorrectionSupportDistorito CorrectionSupportSupportSupportNetwork StoreNAS (Support NFS,SMR/CFS), ANRAlam CorpolicaSupport NES,SMR/CFS), ANRAlam CorpolicaSupport NES,SMR/CFS), ANRAlam CorpolicaSupport NES,SMR/CFS), ANR <th>Camera</th> <th></th>	Camera	
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On-board storage Built-in Micro SD/SDHC/SDXC slot, up to 128 GB		
	•	
	Reset Button	Yes







Environment Noise Filtering	Support
Audio I/O	Support dual audio track, stereo
Audio Sampling Rate	16kHz / 32kHz / 44.1kHz / 48kHz
Smart Feature-set	IUNIZ/ JZNIZ/ 44.INIZ/ 40NIZ
Behavior Analysis	Line crossing detection, Intrusion detection, Region entrance, Region exiting, Unattended baggage Object removal
Line Crossing Detection	Cross a pre-defined virtual line
Intrusion Detection	Enter and loiter in a pre-defined virtual region
Region Entrance	Enter a pre-defined virtual region from the outside place
Region Exiting	Exit from a pre-defined virtual region
Unattended Baggage	Objects left over in the pre-defined region such as the baggage, purse, dangerous materials
Object Removal	Objects removed from the pre-defined region, such as the exhibits on display.
Exception Detections	Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocu detection
Recognition	Face detection recognition
Statistics	Object Counting (Entrance and Exit object number is accounted and showed on screen in real time
General	
Protection Level	IP66
Impact Protection	IK10
Operating Conditions	-30 °C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing)
Power Supply	AC24V/PoE(802.3at)
Power Consumption	Max. 13.5 W
Dimensions	Φ159.8 × 146 mm(Φ6.29" ×5.75")
Weight	2100 g (4.63 lbs)
Order Models	

Accessories





DS-1273ZJ-160 Outdoor wall mount

