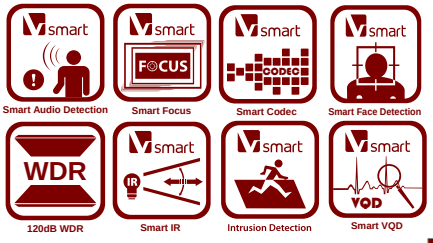
DS-2CD4132FWD-I(Z)

3MP WDR Indoor Dome Network Camera

* Product picture and technical specs subject to change without previous notice.
For further information, please contact our local sales representatives.

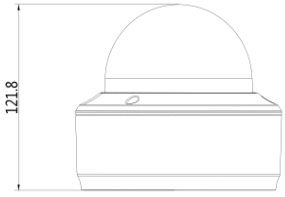


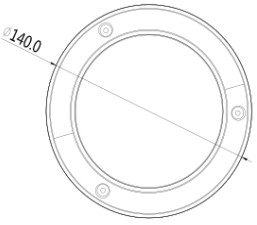
smart IPC

Key features

- Up to 2048 x 1536 high resolution
- Full HD1080p video
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- On-board storage, up to 128GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Smart Audio Detection
- Intrusion Detection
- Smart IR (-I)
- Defog

Dimension (unit: mm)





Available Models

DS-2CD4132FWD-I, DS-2CD4132FWD-IZ

* -Z: Motorized VF lens

Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.1 lux@F1.2, AGC on, 0.14 lux@F1.4, AGC on, 0 lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8 ~ 12mm @F1.4, angle of view: 91.2° ~ 28.3° (-Z: motorized VF lens)
Lens mount	Φ14
Angle Adjustment	Pan: 0° ~ 355°, tilt: 0° ~ 75°, rotation: 0° ~ 355°
Auto iris	DC drive
Day & night	ICR (Auto/Schedule/Alarm Trigger)
Digital noise reduction	3D DNR
Wide dynamic range	120dB WDR
Compression standard	
Video compression	H.264+/H.264/MPEG4/MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711 / G.726 / MP2L2
Audio bit rate	64Kbps (G.711) / 16Kbps (G.726)
Image	
Max. resolution	2048 x 1536
Frame rate	50 Hz: 20fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1280 x 720) 60 Hz: 20fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 20fps (2048 x 1536), 60Hz: 20fps (2048 x 1536)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Yes, zone configurable
Defog	Yes
EIS	Yes
Picture overlay	128 x 128, BMP 24bit, zone configurable
ROI	Yes, up to 4 configurable areas.
Network	
Network storage	NAS
Alarm trigger	Intrusion detection, Defocus detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage exception
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour (SIP optional)
Security	User authentication, watermark, IP address filtering, anonymous access, reset
System compatibility	ONVIF, PSIA, CGI
Interface	
Audio input	1-ch 3.5mm audio interface, Mic in/Line in
Audio output	1-ch 3.5mm audio interface
Communication interface	1 RJ45 10M / 100M ethernet port, 1 RS-485 interface, 1 RS-232 interface
Alarm I/O	1/1
Video output	1 Vp-p composite output (75 Ω / BNC)
On-board storage	Built-in micro SD/SDHC/SDXC card slot, up to 128GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing)
Power supply	12 VDC ± 10%, PoE (802.3af)
Power consumption	Max. 6.5W Max. 9.5W (IR on: 2W, Motorized VF lens: 1W)
IR range	Up to 30m
Impact protection	IEC60068-275Eh, 50J; EN50102, up to IK10
Dimensions	Φ 140 × 121.8 mm (Φ 5.51"× 4.80")
Weight	1400 g (3.09 lbs)