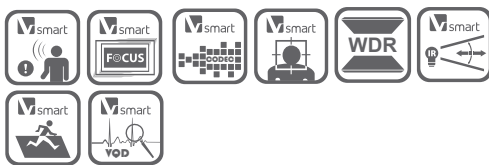


DO-21CD4312FWD-IZ

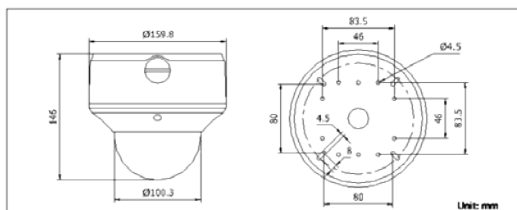
1.3MP WDR Outdoor Dome Network Camera



Key features

- Up to 1280 x 960 high resolution
- HD720p video
- Smart Codec
- 120dB WDR, 3D DNR
- Triple streams
- On-board storage, up to 64GB
- Smart Focus: Motorized VF lens (-Z)
- Smart VQD
- Smart Facial Detection
- Intrusion Detection
- Built-in heater & fan(-H)
- Defog
- 8~32mm Motorized VF lens optional

Dimensions



DP-22CD4312FWD-IZ	
Camera	
Image sensor	1/3" progressive scan CMOS
Min. illumination	0.01 lux@F1.2, AGC on, 0.014 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: 98.4° ~ 30.2° (-Z: motorized VF lens) 8-32mm @ F1.4,, angle of view: 27.8°-9.1
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 / MPEG4 / MJPEG
H.264 codec profile	Baseline profile / main profile / high profile
Video bit rate	32 Kbps ~ 16 Mbps
Audio compression	G.711/G.722.1/G.726/MP2L2
Audio bit rate	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2) *only for -S model
Image	
Max. resolution	1280 x 960
Frame rate	50 Hz: 25fps (1280 x 960), 50fps (1280 x 720) 60 Hz: 30fps (1280 x 960), 60fps (1280 x 720)
3rd stream	Independent setting, up to: 50Hz: 25fps (1280 x 960), 60Hz: 30fps (1280 x 960)
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	Support
Network	
Network storage	NAS
Alarm trigger	Intrusion detection, Defocus detection, Motion detection, Face detection, line crossing 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	
Communication interface	1 RJ45 10M / 100M ethernet port
Video Output	1 Vp-p composite output (75 Ω/RCA, for lens adjustment when installation)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 64 GB
General	
Operating conditions	-30°C ~ 60°C (-22°F ~ 140°F), humidity 95% or less (non-condensing) -H: -40°C ~ 60°C (-40°F ~ 140°F) , with smart heater on
Power supply	24 VAC ± 10%, PoE (802.3af)
Power consumption	Max. 12.5W
IR range	Up to 30m
Ingress protection	IP66
Impact protection	IEC60068-2-75Eh, 20J; EN50102, up to IK10
Dimensions	Φ 159.8 × 146 mm (Φ 6.29" × 5.75")
Weight	2100 g (4.62 lbs)