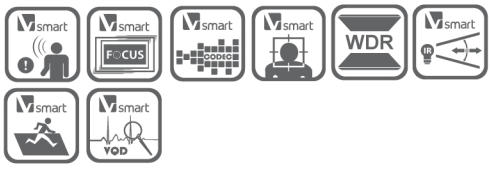
DP-22CD4A35F-IZ(S)(H)

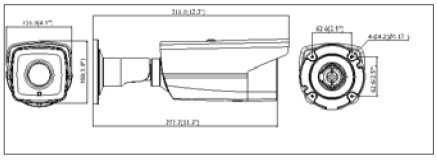
3MP SMART IP Bullet Camera



Key features

- Up to 2048 x 1536 high resolution
- Smart Codec
- DWDR, 3D DNR
- Triple streams
- On-board storage, up to 64GB
- Smart Focus: Motorized VF lens
- Smart Facial Detection
- Intrusion Detection
- Built-in heater optional (-H)
- Audio/Alarm IO optional (-S)
- 8~32mm Motorized VF lens optional
- IP67 protection

Dimensions



	DP-22CD4A35F-IZ(H)(S)
Camera	
Image sensor	1/2.8" Progressive Scan CMOS
Min. illumination	0.005 Lux @(F1.2,AGC ON), 0 Lux with IR
Shutter time	1s ~ 1/100,000s
Slow shutter	Yes
Lens	2.8-12mm @ F1.4 Motorized VF lens 8-32mm @ F1.4 Motorized VF lens optional
Auto iris	DC drive
Day & night	IR cut filter with auto switch
Digital noise reduction	3D DNR
Wide dynamic range	DWDR
Compression standard	
Video compression	H.264/ 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)
Image	
Max. resolution	2048x1536
Frame rate	50Hz: 50fps(2048 × 1536) /(1920 × 1080) /(1280 × 960)/(1280 × 720) 60Hz: 48fps(2048 × 1536), 60fps(1920 × 1080) /(1280 × 960)/(1280 × 720)
3rd stream	Independent with Main Stream and Sub Stream, up to 50Hz: 25fps(2048x1536) 60Hz: 30fps (2048x1536)
Image settings	Rotate mode, saturation, brightness, contrast, grayscale adjustable through client software or web browser
BLC	Support, zone optional
Defog	Support
Day / Night Switch	Auto/Schedule/Triggered by Alarm In
Picture overlay	128x128 24bit BMP format overlay, zone optional
ROI	Support
Network	
Network storage	Micro SD/SDHC/SDXC card with ANR (up to 64G), NAS
Alarm trigger	Line crossing detection, intrusion detection, scene change detection, audio exception detection, motion 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
Security	One-key recovery, flash-prevention, three streams, heartbeat, mirror, password protection, video mask, Watermark, IP address filtering, Anonymous access
System compatibility	ONVIF, PSIA, CGI, ISAPI
Smart Feature-set	
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, Defocus detection
Recognition	Face detection recognition
Statistics	Object Counting (Entrance and Exit object number is accounted and showed on screen in real time)
General	
Operating conditions	-30 °C – 60 °C Humidity 95% or less (non-condensing) -H: -40 °C – 60 °C
Power supply	24 V AC ± 10%, 802.3at
Power consumption	12W MAX -H:18W MAX
IR range	Up to 50m (2.8-12mm) /100m (8-32mm)
Ingress protection	IP67
Dimensions	100×103.9×311.8mm (3.93" x 4.09" x 12.28")
Weight	2000g