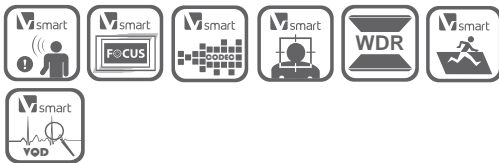


DS-2CD4085F-A

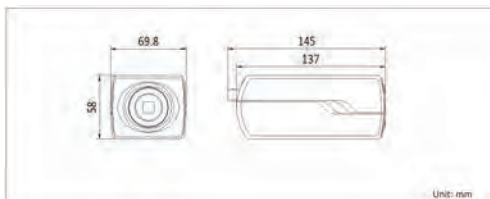
8 MP Smart IP Box Camera



Key Features

- Up to 4096 × 2160 Resolution
- Super Digital WDR
- Auto Back Focus
- Smart Face Detection
- Intrusion Detection
- Smart Codec
- Triple Streams
- On-Board Storage, Up to 128 GB
- Defog

Dimensions



Order Model

DS-2CD4085F-A

DS-2CD4085F-A	
Camera Module	
Image Sensor	1/1.7" progressive scan CMOS
Minimum Illumination	Color: 0.01 lux @ (f/1.2, AGC on) B/W: 0.001 lux @ (f/1.2, AGC on)
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Supported
Lens Mount	C/CS mount
Auto Iris	DC drive
Day/Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	DWDR
Focus	Supports ABF
Compression Standard	
Video Compression	H.264+/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1 /16 Kbps (G.726)/32 to 128 Kbps (MP2L2)
Image	
Maximum Resolution	4096 × 2160
Frame Rate	50 Hz: 25 fps (4096 × 2160, 3840 × 2160, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (4096 × 2160, 3840 × 2160, 1920 × 1080, 1280 × 720)
Image Settings	Independent with main stream and sub stream, up to 50 Hz: 25 fps (1280 × 720) 60 Hz: 30 fps (1280 × 720)
BLC	Supported
HLC	Supported
Smart Defog	Supported
Image Setting	Rotate mode, saturation, brightness, contrast adjustable by client software or Web browser
Day/Night Switch	Auto/schedule/triggered by alarm in
ROI	Supported
Picture Overlay	LOGO picture can be overlaid on video with 128 x 128 24-bit bmp format
Network	
Network Storage	NAS (supports NFS, SMB/CIFS)
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
Security	User authentication, watermark, IP address filtering, anonymous access
Standard	ONVIF, PSIA, CGI, ISAPI
Interface	
Audio Input	1-ch 3.5 mm audio interface, mic in/line in, 1 built-in microphone
Audio Output	1-ch 3.5 mm audio interface
Communication Interface	1 RJ-45 10M/100M Ethernet port, 1 RS-485 interface, and 1 RS-232 interface
Alarm Input	1
Alarm Output	1
Video Output	1 Vp-p composite output (75 Ω/BNC)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
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 in the pre-defined region such as baggage, purse, dangerous materials
Object Removal	Objects removed from the pre-defined region, such as exhibits on display
Exception Detections	Scene change detection, sudden audio increase/decrease detection, audio loss detection, defocus detection
Statistics	Object counting (entrance and exit object number is accounted and showed on screen in real time)
General	
Operating Conditions	-30° C to 60° C (-22° F to 140° F) Humidity 95% or less (non-condensing)
Power	24 VAC ±10%, 12 VDC ±10%, PoE (802.3af)
Power Consumption	Maximum 6 W (maximum 9 W with IR cut filter on)
Dimensions	69.8 mm × 58 mm × 145 mm (2.68" × 2.56" × 5.70")
Weight	830 g (1.83 lbs.)