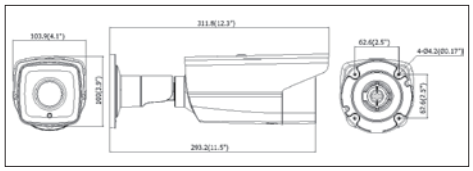
DS-2CD4A85F-IZH
4K Smart IP Bullet Camera

Key Features

- Up to 4096 × 2160 High Resolution
- WDR, 3D DNR
- Multi-Video Streams
- On-Board Storage, Up to 128 GB
- Up to 50 Meters IR Range
- Motorized Lens with Smart Focus
- IP67
- Smart Heater

Dimensions



Order Model

DS-2CD4A85F-IZH

	DS-2CD4A85F-IZH
Camera Module	
Image Sensor	1/1.7" progressive scan CMOS
Minimum Illumination	0.014 lux @ (ƒ/1.4, AGC on), 0 lux with IR
Shutter Speed	1 s to 1/100,000 s
Lens	2.8 mm to 12 mm @ ƒ/1.4
Lens Mount	AF automatic focusing and motorized zoom lens
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 Type	Baseline Profile/Main Profile/High Profile
Video Bit Rate	32 Kbps to 16 Mbps
Image	
Max. Resolution	4096 × 2160
Frame Rate	30 fps (4096 × 2160, 3840 × 2160, 1920 × 1080, 1280 × 720)
Image Settings	Independent with Main Stream and Sub Stream, 30 fps (1280 × 720)
Defog	Supported
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
ROI	Supported
Picture Overlay	128 x 128 24-bit BMP format overlay, zone optional
Network	
Network Storage	MicroSD/SDHC/SDXC card with ANR (up to 128 GB), NAS supports NFS, SMB/CIFS)
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
Standard	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 in the pre-defined region such as 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
Statistics	Object counting (entrance and exit object number is accounted and showed on screen in real time)
General	
Ratings	IP67, UL listed
Operating Conditions	--40° C to 60° C Humidity 95% or less (non-condensing)
Power Supply	12 VDC ±10%, PoE (802.3af)
IR Distance	Up to 50 meters
Power Consumption	15.5 W maximum
Dimensions	100 mm × 103.9 mm × 311.8 mm (3.94" x 4.09" x 12.28")
Weight	~2000 g (~4 lbs 6 ozs)

Hikvision USA Inc., 908 Canada Court, City of Industry, CA 91748, USA • Hikvision Canada, 4485 Dobrin, St-Laurent, Quebec, Canada, H4R 2L8
Tel: +1-909-895-0400 • Toll Free in USA: +1-866-200-6690 • E-Mail: sales.usa@hikvision.com • www.hikvision.com
© 2015 Hikvision USA Inc. • All Rights Reserved • Specifications subject to change without notice.