DS-2CD2945FWD
4 MP Fisheye Fixed Dome Network Camera

- 360° 0-blind zone image, a fisheye network camera capable of providing a 360 degree panoramic image of its surveillance scene

▪ Specification

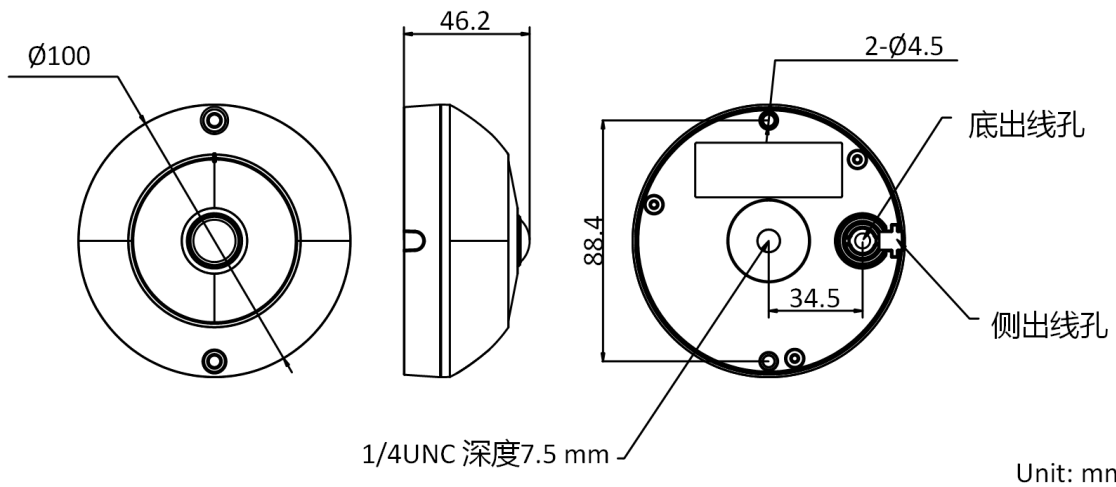| Camera	
Image Sensor	1/2.7'' Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON)
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Yes
Day &Night	Day
WDR	120 dB
Lens	
Aperture	1.16 mm @F2.25
FOV	horizontal field of view: 180°, vertical field of view: 180°
Lens Mount	M12
Event	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Smart Event	Line crossing detection, intrusion detection
Image	
Image Enhancement	BLC, HLC,3D DNR, defog
Day/Night Switch	DayNight//Auto/Schedule
Image Settings	Saturation, brightness, contrast, sharpness, AGC and white balance are adjustable by client software or web browser
Max. Resolution	1920 × 1920
Main StreamMax. Frame Rate	50Hz: 25 fps （1920 × 1920） 60Hz: 25 fps （1920 × 1920）
Sub-streamMax. Frame Rate	50Hz: 25 fps （640 × 480， 640 × 320， 320 × 240） 60Hz: 25 fps （640 × 480， 640 × 320， 320 × 240）
Network	
Network Storage	NAS (NFS,SMB/CIFS)
Protocols	TCP/IP，ICMP，HTTP，HTTPS，FTP，DHCP，DNS，DDNS，RTP，RTSP，RTCP，PPPoE，NTP，UpnP，SMTP，SNMP，IGMP，802.1X，QoS，IPv6，UDP，Bonjour，SSL/TLS
API	ONVIF (PROFILE S, PROFILE G), ISAPI，SDK，Ehome
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users. 3 user levels, administrator, operator and user
Client	iVMS-4200, iVMS-4500, Hik-Connect, iVMS-5200
Web Browser	IE8+
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflicted, illegal login, HDD full, HDD error

Security Measures	Password protection, HTTPS encryption, IEEE 802.1x port-based network access control, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF
Firmware Version	5.5.91
Interface	
Communication Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet port
Reset Button	Yes
Compression Standard	
H.264+	Main stream supports
H.265+	Main stream supports
H.264 Type	Baseline Profile/ Main Profile /High Profile
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG
H.265 Type	Main Profile
Video Bitrate	256 Kbps to 8 Mbps
SVC	H.265 and H.264 support
Live View Display	
Display Mode	18 display modes in total Software decoding: Ceiling mount: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 2PTZ, 4PTZ, fisheye + 3PTZ, fisheye +8 PTZ, half sphere, cylinder Wall mount: fisheye view, panorama view, panorama + 3PTZ, panorama + 8PTZ, 4PTZ, fisheye + 3PTZ, fisheye +8 PTZ Table mount: fisheye view, 180 panorama view, 360 panorama view, 360 panorama + PTZ, 360 panorama + 3PTZ, 360 panorama + 6PTZ, 360 panorama + 8PTZ, 4PTZ, fisheye + 3PTZ, fisheye +8 PTZ, cylinder Hardware decoding: Ceiling mount: fisheye view, 180 panorama view, panorama view, 4PTZ, fisheye + 3PTZ, 4PTZ fusion Wall mount: fisheye view, 180 panorama view, panorama view, 4PTZ, fisheye + 3PTZ, 4PTZ fusion Table mount: fisheye view, 180 panorama view, panorama view, 4PTZ, fisheye + 3PTZ, 4PTZ fusion
Mount Type	Support table, wall, and ceiling mounting
Smart Feature-set	
Region of Interest	1 fixed regions for main stream
General	
Power Supply	12 VDC±20%, PoE (802.3af, class 0)
Material	Metal
Dimensions	Ø100 × 46 mm
Weight	Approx. 330 g
Operating Conditions	-10 °C to +40 °C (14 °F to +104 °F), Humidity 95% or less (non-condensing)

Power Consumption	12 VDC, 0.3 A, max. 3 W PoE (802.3af, 36 to 57 V), 0.1 A to 0.07 A, max. 4 W
Protection Level	IP67, IK10

▪ Available Model

DS-2CD2945FWD(1.16mm)(MEX Sistemas),

▪Dimension

Ø100

46.2

2-Ø4.5

底出线孔

88.4

34.5

侧出线孔

1/4UNC 深度7.5 mm

Unit: mm

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