

# 4K HD Vandal-resistant IR Fixed Dome Network Camera HYU-CC-CIDF28003



## Key Features



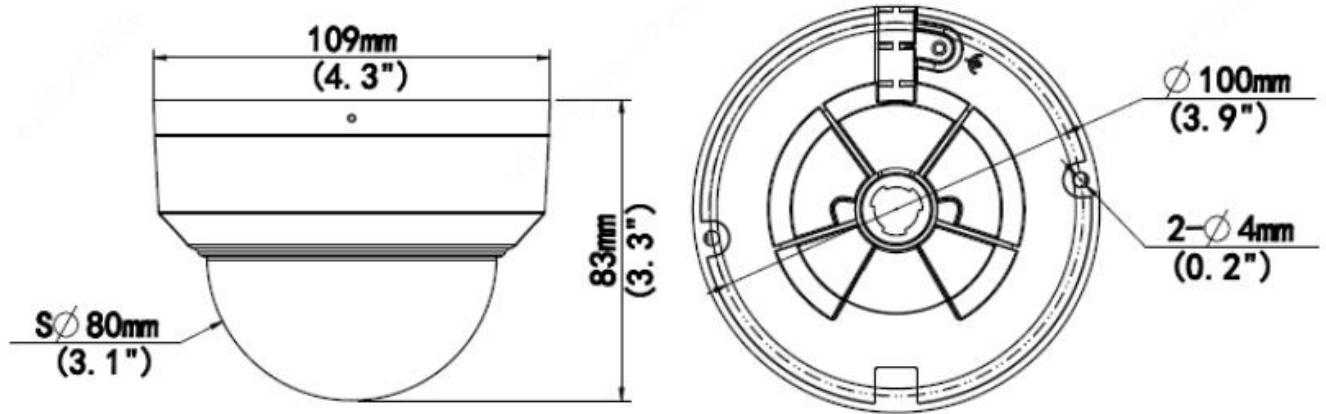
- High quality image with 8MP, 1/2.7" CMOS sensor
- 8MP (3840\*2160)@20fps; 5MP (3072\*1728)@30/25fps; 4MP (2560\*1440)@30/25fps; 2MP (1920\*1080)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- EasyStar technology ensures high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 30m (98ft) IR distance
- Supports 256 G Micro SD card
- IK10 vandal resistant
- Support PoE power supply
- 3-Axis

### Specifications

Model	HYU-CC-CIDF28003			
<b>Camera</b>				
Sensor	1/2.7", 8.0megapixel, progressive scan, CMOS			
Minimum Illumination	Color: 0.05Lux (F1.6, AGC ON) 0 Lux with IR on			
Day/Night	IR-cut filter with auto switch (ICR)			
Shutter	Auto/Manual, 1 ~1/100000s			
Adjustment Angle	Pan: 8° to 360°, Tilt: 0° to 68°, Rotate: 10° to 360°			
S/N	>56dB			
WDR	120dB			
<b>Lens</b>				
Lens Type	2.8mm @1.6, Fixed-focal			
Angle of View (H)	112.9°			
Angle of View (V)	59.1°			
Angle of View (D)	121.2°			
Iris	Fixed			
<b>DORI</b>				
DORI Distance	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	84	36.6	16.8	8.4
<b>Illuminator</b>				
IR Range	Up to 30m (98ft) IR range			
Wavelength	850nm			
IR On/Off Control	Auto/Manual			
<b>Video</b>				
Video Compression	Ultra 265, H.265, H.264, MJPEG			
H.264 code profile	Baseline profile, Main profile, High Profile			
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;			
Video Bit Rate	128 Kbps ~ 16 Mbps			
OSD	Up to 4 OSDs			
Privacy Mask	Up to 4 areas			
ROI	Up to 8 areas			
U-code	Supported			
Video stream	Dual streams			
<b>Image</b>				
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2			
Digital Noise Reduction	2D/3D DNR			
Smart IR	Supported			
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise			
HLC	Supported			
BLC	Supported			
Defog	Digital Defog			

Events	
Basic Detection	Cross line, intrusion (based on human body detection) motion detection, Ultra motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	GuardStation, Guardview
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
	Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Interface	
Network	1 * RJ45 10M/100M Base -TX Ethernet
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Supported
Built-in Speaker	N/A
WIFI	N/A
Video Output	N/A
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 4.5W
Dimensions (Ø x H)	Φ109 x 83mm (Ø4.3" x 3.3")
Power Interface	Ø 5.5mm coaxial power plug
Weight	0.37kg (0.82lb)
Material	Metal + plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	N/A
Ingress Protection	IP67

### Dimensions



### Accessories

HYU-CC-AJB03G



HYU-CC-AWM03D



HYU-CC-AUP06C

