



# 12MP Ultra HD Infrared Fixed Fisheye Dome Camera

## CC12MPFFDC



Camera	
<b>Sensor:</b>	1/1.7", 12.0 megapixel, progressive scan, CMOS
<b>Minimum Illumination:</b>	Color: 0.03Lux (F2.0, AGC ON)/ 0Lux with IR
<b>Day/Night:</b>	IR-cut filter with auto switch (ICR)
<b>Shutter:</b>	Auto/Manual, shutter time: 1 ~ 1/100000s
<b>WDR:</b>	DWDR
<b>S/N:</b>	>52dB
Lens	
<b>Lens Type:</b>	1.8mm@F2.0
<b>Field of View:</b>	360°
DORI	
<b>DORI Distance:</b>	Lens (mm) 1.8   Detect (m) 43.8   Observe (m) 17.5   Recognize (m) 8.8   Identify (m) 4.4
Illuminator	
<b>IR Range:</b>	Up to 15m (49ft) IR range
<b>Wavelength:</b>	850nm
<b>IR On/Off Control:</b>	Auto/Manual
Video	
<b>Compression:</b>	Ultra265, H.265, H.264, MJPEG
<b>H.264 Code Profile:</b>	Baseline profile, Main Profile, High Profile
<b>U-code:</b>	Support
<b>Video Bit Rate:</b>	128 Kbps~16 Mbps



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## Video continued...

<b>Main Stream:</b>	Fisheye View: 12MP(4000*3000)@20fps; 3000*3000@20fps; 2560*2560@25fps; Panorama View: 12MP(4000*3000)@20fps; 3000*2000@20/25fps; 3000*1500@20/25fp; PTZ View: 1920*1080@20/25fps
<b>Sub Stream:</b>	Fisheye View: 2000*1500@20fps;2000*2000@25fps
<b>Third Stream:</b>	Fisheye View:D1(720*576)@20/25fps;CIF352*288)@20/25fps;
<b>OSD:</b>	Up to 8 OSDs
<b>Privacy Mask:</b>	Up to 4 areas
<b>ROI:</b>	Up to 8 areas
<b>Video Stream:</b>	Triple Streams

## Live View Display

<b>Mount Type:</b>	Support table, wall, and ceiling
<b>Hardware Decoding:</b>	Ceiling mount: fisheye view, fisheye + 4PTZ, horizontal panorama view, vertical panorama view Table mount: fisheye view, fisheye + 4PTZ, horizontal panorama view, vertical panorama view Wall mount: fisheye view, fisheye + 4PTZ, panorama view
<b>Software Decoding:</b>	Ceiling mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye+ 3PTZ, fisheye+4PTZ, fisheye+8PTZ,360° panorama + 6PTZ Table mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye+ 3PTZ, fisheye+4PTZ, fisheye+8PTZ,360° panorama + 6PTZ Wall mount: fisheye view, 180° panorama view, 180° panorama view+3PTZ, 180° panorama view+4PTZ, 180° panorama view+8PTZ

## Image

<b>White Balance:</b>	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
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## Image continued...

<b>Digital Noise Reduction:</b>	2D/3D DNR
<b>Smart IR:</b>	Support
<b>Flip:</b>	Normal/Flip Vertical/ Flip Horizontal/180°
<b>Dewarping:</b>	N/A
<b>HLC:</b>	N/A
<b>BLC:</b>	Support
<b>Defog:</b>	Digital Defog

## Intelligent

<b>Smart intrusion prevention:</b>	Cross Line detection, Intrusion detection
<b>Statistical Analysis:</b>	Heat map(Working with management platform)

## Events

<b>Basic Detection:</b>	Motion detection, Audio detection, Tampering alarm
<b>General Function:</b>	Watermark, IP Address Filtering, Tampering Alarm ,Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication

## Audio

<b>Audio Compression:</b>	G.711U, G.711A
<b>Audio Bitrate:</b>	64 Kbps
<b>Two-way Audio:</b>	Support
<b>Suppression:</b>	Support
<b>Sampling Rate:</b>	8KHZ



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Storage	
<b>Edge Storage:</b>	Micro SD, up to 256GB
<b>Network Storage:</b>	ANR, NAS(NFS)
Network	
<b>Protocols:</b>	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
<b>Compatible Integration:</b>	ONVIF (Profile S, Profile G, Profile T), API, SDK
<b>User/Host:</b>	Up to 32 users. 3 user levels: administrator, common user and operator
<b>Client:</b>	EZStation, EZView, EZLive
<b>Web Browser:</b>	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
Interface	
<b>Audio I/O:</b>	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
<b>Alarm I/O:</b>	2/1   Multiple Alarm linkage editable
<b>Built-in Mic:</b>	Two Mics
<b>Built-in Speaker:</b>	Support
<b>Serial:</b>	1 channel RS485 interface
<b>Two-way Audio:</b>	1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet
<b>Video Output:</b>	1 BNC, impedance 75Ω; amplitude 1V [p-p]
Certifications	
<b>EMC:</b>	CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)



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## Certifications continued...

<b>Safety:</b>	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
<b>Environment:</b>	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
<b>Protection:</b>	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)

## General

<b>Power:</b>	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 12W
<b>Dimensions (inches):</b>	5.9" x 2.17"
<b>Weight (lbs):</b>	1.6lbs
<b>Material:</b>	Metal + Plastic
<b>Working/Storage Environment:</b>	(-22°F ~ 140°F), Humidity: ≤95% RH
<b>Surge Protection:</b>	4kv
<b>Reset Button:</b>	Support