

## CMIP7042-28M

### 4 MP Matrix IR Fixed Dome Network Camera



- 1/3" Progressive Scan CMOS
- 2560 × 1440@20fps
- 2.8 mm fixed lens
- Color: 0.028 Lux @ (F2.0, AGC ON)
- H.265, H.265+, H.264, H.264+
- BLC/HLC/3D DNR/ROI
- IR range: Up to 98ft(30 m)
- 2-Axis adjustment
- Built-in micro SD/SDHC/SDXC slot, up to 256GB (supports image and logs storage only)
- IP67, IK10

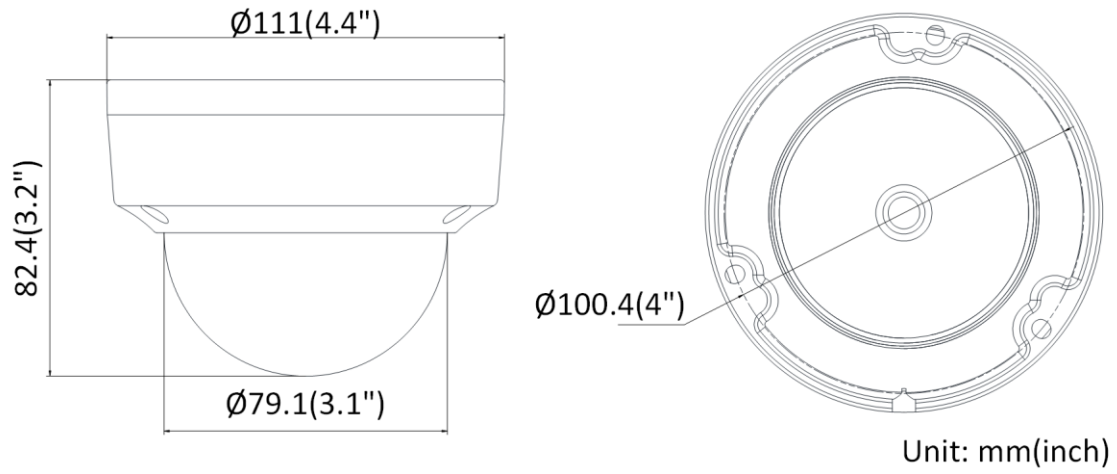
## Specifications

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
WDR	DWDR
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°
Lens	
Lens Type	Fixed lens, 2.8 mm
Aperture	F2.0
FOV	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117°
Lens Mount	M12
Illuminator	
IR Range	Up to 98ft(30 m)
Wavelength	850 nm
Video	
Max. Resolution	2560 × 1440
Main Stream	50Hz: 20fps (2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Video Compression	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
Smart Feature-Set	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Linkage Method	Upload to FTP/memory card, notify surveillance center, send email
Region of Interest	1 fixed region for main stream
Image	
Image Enhancement	BLC, HLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule
S/N Ratio	> 50dB

<b>Network</b>	
Network Storage	microSD/SDHC/SDXC card (256GB) (supports image and logs storage only), local storage and ANR
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK
Security	Password protection, complicated password, IP address filter, Watermark, HTTPS encryption, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, 802.1X authentication (EAP-MD5)
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, 3 levels: administrator, operator and user
Web Browser	IE8+, Chrome 31.0-44, Firefox30.0-51, Safari8.0+
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 256GB (supports image and logs storage only)
<b>General</b>	
General Function	Anti-flicker, heartbeat, mirror, privacy mask
Reset	Reset via reset button on camera body, web browser and client software
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Φ 5.5 mm coaxial power plug, reverse polarity protection; PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.30 A, max. 3.6 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 4.5 W
Material	Front cover: plastic, bottom base: metal
Dimensions	Camera: Φ114 mm × 82.4 mm (Φ4.5" × 3.2") With package: 134 × 134 × 108 mm (5.3" × 5.3" × 4.3")
Weight	Camera: approx. 410 g (0.9 lb.) With package: approx. 590 g (1.3 lb.)
<b>Approval</b>	
EMC	47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015
Safety	UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015, IEC/EN 60950-1
Chemistry	2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006
Protection	Ingress protection: IP67 (IEC 60529-2013), IK10(IEC 62262:2002)

\* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

## Dimension



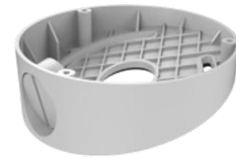
## Accessory



**LTB348**  
Wall Mount



**LTB342-110B**  
Wall Mount



**LTB349**  
Inclined Ceiling Mount