

DS-2CE72KF3T-LE 3K ColorVu PoC Fixed Turret Camera



- High quality imaging with 3K, 2960 × 1665 resolution
- Excellent low-light performance
- 24/7 color imaging with F1.0 aperture
- Clear imaging against strong back light due to 130 dB true WDR technology
- 3D DNR technology delivers clean and sharp images
- 2.8 mm and 3.6 mm fixed focal lens
- Up to 40 m IR distance for bright night imaging
- Up to 40 m white light distance for bright night imaging
- Water and dust resistant (IP67)
- Smart-Hybrid light, optimize your security with flexible lighting options

▪ Specification

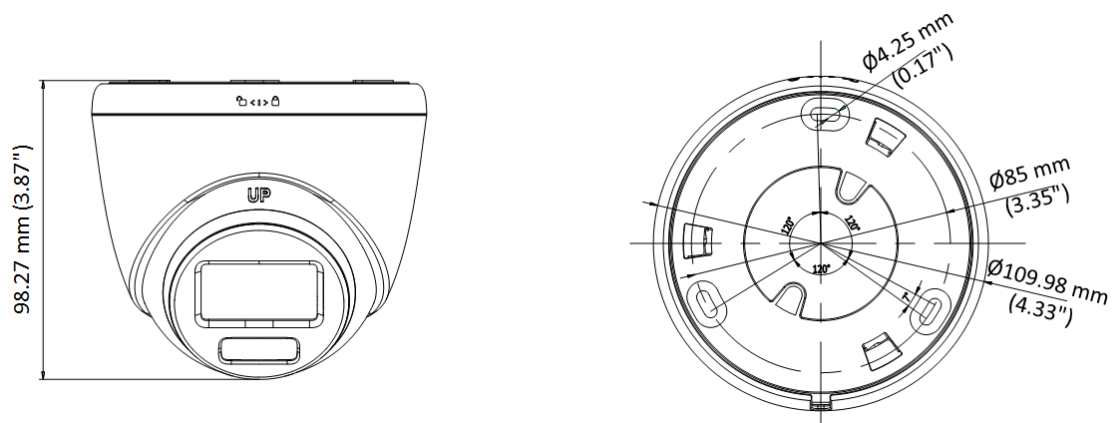
Camera	
Image Sensor	3K CMOS
Signal System	PAL/NTSC
Max. Resolution	2960 (H) × 1665 (V)
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
Shutter Time	PAL: 1/25 s to 1/50,000 s; NTSC: 1/30 s to 1/50,000 s
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Lens	
Lens Type	2.8 mm and 3.6 mm fixed focal lens
Focal Length & FOV	2.8 mm, horizontal FOV: 105°, vertical FOV: 59°, diagonal FOV: 139° 3.6 mm, horizontal FOV: 80°, vertical FOV: 49°, diagonal FOV: 105°
Lens Mount	M12
Illuminator	
Supplement Light Type	Smart, IR, White Light
Supplement Light Range	IR: Up to 40 m, White Light: Up to 40 m
Image	
Day/Night Mode	Auto/Color
Privacy Mask	4 programmable privacy masks/8 programmable privacy masks
Frame Rate	3K @20 fps, 4 MP @25 fps/30 fps, 1080p @25 fps/30 fps
Wide Dynamic Range (WDR)	≥130 dB
Image Parameters Switch	STD/HIGH-SAT/HIGHLIGHT
AGC	Yes
White Balance	Auto/Outdoor/Global/Manual
Image Enhancement	WDR, BLC, HLC, Global, HLS
Noise Reduction	3D DNR/2D DNR
Image Settings	Brightness, Contrast, Mirror, Smart Light, Anti-Banding
Interface	
Video Output	1 HD analog output
Event	
Motion Detection	4 programmable motion areas
General	
Power	12 VDC±25%, max. 7.8 W, PoC.at, *You are recommended to use one power adapter to supply the power for one camera. If a high-impedance cable is used (such as the 18 m extension cable in the kit package), a 15 VDC adapter is required.
Language	English
Operating Condition	-40 °C to 60 °C (-40 °F to 140 °F). Humidity: 90% or less (non-condensing)
Material	Main body: Metal, Enclosure: Plastic
Communication	HIKVISION-C
Dimension	Ø109.98 mm × 98.27 mm (Ø4.33" × 3.87")
Weight	Approx. 360 g (0.79 lb.)
Approval	
Protection	IP67

▪ **Available Model**

DS-2CE72KF3T-LE(2.8mm)

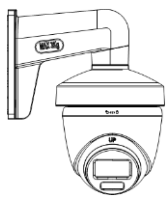
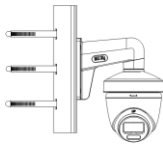
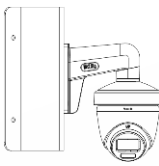
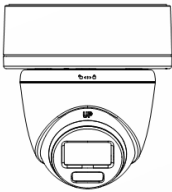
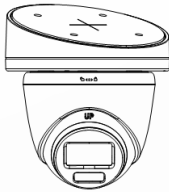
DS-2CE72KF3T-LE(3.6mm)

▪ **Dimension**



▪ **Accessory**

▪ **Optional**

DS-1272ZJ-110-TRS Wall mount	DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1280ZJ-S Junction box	DS-1281ZJ-S Inclined ceiling mount
				
				
DS-2280ZJ Wall mount				
				



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iDS-7208HUHI-M2/P TURBO ACUSENSE DVR

Key Feature

- Deep learning-based motion detection 2.0 for all analog channels
- Deep learning-based perimeter protection
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Audio via coaxial cable
- Up to 16-ch IP camera inputs (up to 8 MP)
- Up to 10 TB capacity per HDD
- Provide power supply to PoC cameras over coaxial cable



Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Recording at up to 8 MP resolution

Storage and Playback

- 2 SATA interfaces
- Smart search for efficient playback

Smart Function

- Deep learning-based motion detection, and perimeter protection (line crossing and intrusion detection)
- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

Network & Ethernet Access

- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable



Specification

Model	iDS-7208HUHI-M2/P
Motion Detection 2.0¹	
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported;
Perimeter Protection¹	
Human/Vehicle Analysis	Up to 4-ch
Recording	
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding resolution	Main stream: 8 MP@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)
	Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
Video bitrate	32 Kbps to 10 Mbps
Dual stream	Support
Stream type	Video, Video & Audio
Audio compression	G.711u
Audio bitrate	64 Kbps
Video and Audio	
IP video input²	4-ch (up to 12-ch)
	Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps
	Up to 8 MP resolution
	Support H.265+/H.265/H.264+/H.264 IP cameras
Analog video input	8-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
PoC camera input	Support Hikvision PoC camera *: PoC access capability see Appendix.
HDTVI input	8 MP@15 fps, 8 MP@12.5 fps, 3K@20 fps, 5 MP@20 fps, 5 MP@12 fps, 4 MP@30 fps, 4 MP@25 fps, 3 MP@18 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps
AHD input	5 MP@20 fps, 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
HDCVI input	4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
CVBS input	PAL/NTSC
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
HDMI output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz

Video output mode	HDMI/VGA simultaneous output
Audio input³	4-ch, RCA (2.0 Vp-p, 1 KΩ)
	8-ch via coaxial cable
Audio output	1-ch, RCA (Linear, 1 KΩ)
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)
Synchronous playback	8-ch
Network	
Total bandwidth	128 Mbps
Remote connections	64
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Network interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
Auxiliary interface	
SATA	2 SATA interfaces
Capacity	Up to 10 TB capacity for each disk
Serial interface	RS-485 (half-duplex)
USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm in/out³	8/4
General	
Power supply	48 VDC, 2.5 A
Consumption	≤ 15 W (without HDD)
Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working humidity	10% to 90%
Dimension (W × D × H)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)
Weight	≤ 3.4 kg (without HDD, 7.5 lb.)

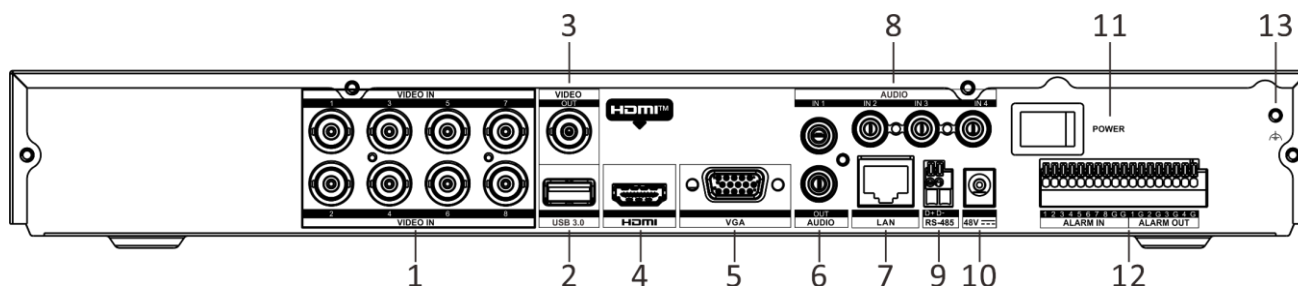
Note:

1: Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the other one unavailable.

2: Enhanced IP mode might be conflicted with smart events (motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.

3: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, “4A+8/4ALM” means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.

Physical Interface



No.	Description	No.	Description
1	Video and Coaxial Audio In	8	AUDIO IN, RCA connector
2	USB interface	9	RS-485 serial interface
3	VIDEO OUT	10	48 VDC power input
4	HDMI interface	11	Power switch
5	VGA interface	12	ALARM IN/OUT
6	AUDIO OUT, RCA connector	13	GND
7	LAN network interface		

Available Model

iDS-7208HUHI-M2/P

Appendix

AT/AF Mode

With reference to PoE standards, Hikvision has introduced AT and AF mode for PoC to distinguish the power level of PoC cameras. The maximum operating power of AT and AF are 12 W and 6 W respectively. These two modes are not related to IEEE 802.3 IP standard.

PoC Access Capability

PoC Device	Allowed AT/AF Camera Access
4-ch PoC device	4 AT cameras
8-ch PoC device	8 AT cameras
16-ch PoC device	8 AT cameras + 8 AF cameras Or up to 12 AT cameras

16-ch PoC device is connected to 8 AT cameras through 8 random channels rather than fixed ones. The access scenarios of a 16-ch PoC device are listed in the table below:

AT camera access	12	11	10	9	8	N (0 to 7)
AF camera access	0	2	4	6	8	16-N

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