HiLook

THC-T259-MS
3K ColorVu Audio Turret Camera

DIGITAL WDR | **IP66** | **24 Color** | **F1.0** | 🎤

- High quality imaging with 3K, 2960 × 1665 resolution

- 24/7 color imaging with F1.0 aperture

- 2.8 mm and 3.6 mm fixed focal lens

- Up to 40 m white light distance for bright night imaging

- High quality audio with audio over coaxial cable

- One port for four switchable signals (TVI/AHD/CVI/CVBS)
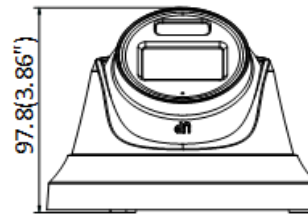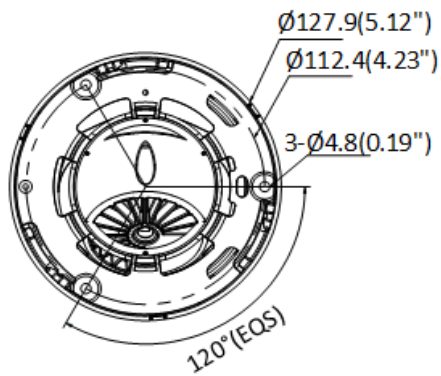
- Water and dust resistant (IP66)

▪ Specification

Camera	
Image Sensor	3K CMOS
Signal System	PAL/NTSC
Resolution	2960 (H) × 1665 (V)
Frame Rate	TVI: 3K @ 20 fps, 4 MP @ 25 fps/30 fps, 1080p @ 25 fps/30 fps AHD: 4 MP @ 25 fps/30 fps CVI: 4 MP @ 25 fps/30 fps CVBS: PAL/NTSC
Min. Illumination	0.001 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
Lens	2.8 mm/3.6 mm fixed focal lens
Field of View	2.8 mm, horizontal FOV: 113°, vertical FOV: 62°, diagonal FOV: 137° 3.6 mm, horizontal FOV: 88°, vertical FOV: 50°, diagonal FOV: 108°
Lens Mount	M12
Light Alarm	Solid Light Alarm (White Light)
Day ＆ Night	24/7 Color Imaging
WDR (Wide Dynamic Range)	Digital WDR
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°
Image	
White Light	Auto/Off
Image Mode	STD/HIGH-SAT/HIGHLIGHT
AGC	Yes
Day/Night Mode	Color
White Balance	Auto/Manual
AE (Auto Exposure) Mode	DWDR,BLC,HLC,Global
Noise Reduction	2D DNR
Language	English
Function	Brightness,Sharpness,Anti-Banding
Lighting Mode	White Light
Interface	
Video Output	Switchable TVI/AHD/CVI/CVBS
General	
Operating Conditions	-40°C to 60°C (-40°F to140°F), Humidity: 90% or less (non-condensing)
Power Supply	12 VDC±25% *You are recommended to use one power adapter to supply the power for one camera.*
Consumption	Max. 4.2 W
Protection Level	IP66
Material	Metal
White Light Range	Up to 40 m
Dimension	Φ 127.92 mm × 97.8 mm (Φ 5.04" × 3.86")
Weight	Approx. 480 g (1.06 lb.)

▪ Available Model
THC-T259-MS

▪ Dimension

Ø127.9(5.12")
Ø112.4(4.23")
3-Ø4.8(0.19")
120°(EQS)

97.8(3.86")

unit: mm (inch)

▪ Accessory
▪ Optional

HIA-J202 Inclined ceiling Junction Box	HIA-B201 Corner mount	HIA-J103 Junction Box	HIA-B301 Vertical Pole Mount	HIA-B402-130T Wall Mount

iDS-7204HQHI-M1/XT
4-ch 1080P 1U H.265 AcuSense DVR

Key Feature

- 4 channels and 1 HDD 1U AcuSense DVR
- Support 1-ch Facial Recognition or 2-ch Advanced model Perimeter Protection based on Deep Learning algorithm
- Support 2-ch AcuSearch Technology
- Efficient H.265 pro+ compression technology
- Encoding ability up to 3K/5MP Lite @ 12 fps
- 5 signals input adaptively (HDTVI/AHD/CVI/CVBS/IP)
- Up to 6-ch network cameras can be connected
- Support All channels Motion Detection Technology
- Support All channels HDTVI Two-Way Audio Technology

Smart Function

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- Deep learning based perimeter protection

Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Recording at up to 3K / 5 MP Lite resolution

Storage and Playback

- 1 SATA interface (up to 10 TB capacity)
- Smart search for efficient playback

Network & Ethernet Access

- Compatible with major Wi-Fi dongle products in the market
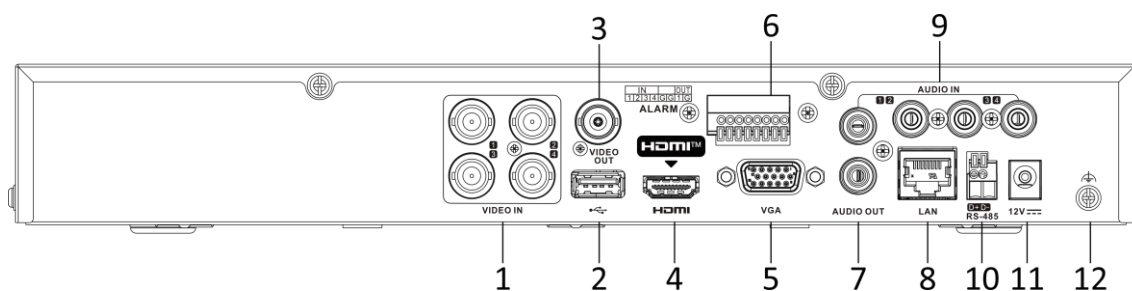- Hik-Connect & DDNS for easy network management

▪ Specification

Facial Recognition	
Face Picture Comparison	Face picture comparison, face picture search (1-ch face picture comparison alarm for HD analog camera)
Face Picture Library	Up to 16 face picture libraries
Motion Detection 2.0	
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 Protection	
Human/Vehicle Analysis	Up to 2-ch
Video and Audio	
IP Video Input	1-ch (up to 5-ch) Enhanced IP mode on: 2-ch (up to 6-ch), Up to 6 MP resolution
Analog Video Input	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI Input	3K(2960 x 1665)@25/20 fps, 3K(3328x1504)@20fps,5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps,1080P@25/30 fps, 720P@25/30fps
AHD Input	5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps,1080P@25/30 fps, 720P@25/30fps
HDCVI Input	3K(2880×1620)@25fps, 5MP(2592 × 1944)@20 fps, 4MP(2560 × 1440)@25/30 fps,1080P@25/30 fps, 720P@25/30fps
CVBS Input	PAL/NTSC
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
HDMI Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output
Audio Input	1-ch (up to 4-ch is optional), RCA (2.0 Vp-p, 1 KΩ) 4-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 first audio input)
Synchronous playback	4-ch
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	When 1080p Lite mode is not enabled: 3K lite/5 MP lite/4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode is enabled: 3K lite/5 MP lite/4 MP lite/1080p lite/720p lite/VGA/WD1/4CIF/CIF

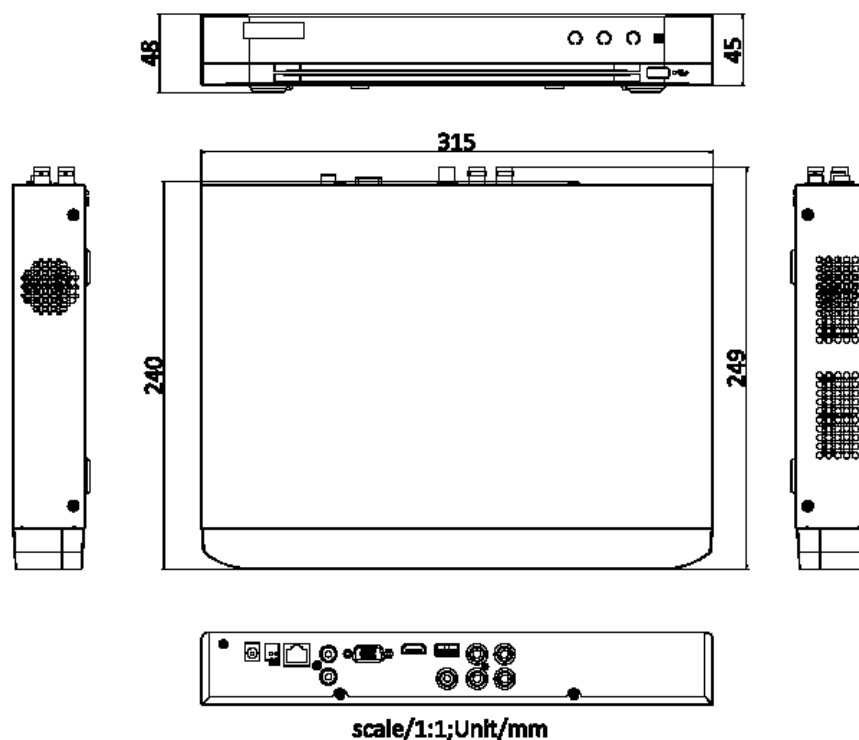|	
Frame Rate	Main stream: When 1080p Lite mode not enabled: For 3K stream access: 3K lite@12fps;4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@20fps For 5 MP stream access: 5 MP lite@12fps;4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@20fps For 4 MP stream access: 4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 3K lite/5 MP lite@12fps;4 MP lite@15fps;1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
Video Bitrate	32 Kbps to 6 Mbps
Dual-stream	Support main stream or sub stream
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Network	
Remote Connection	32
Total Bandwidth	72 Mbps
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
Auxiliary Interface	
SATA	1 SATA interface, 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 2.0
Alarm In/Out	N/A (optional to support)
General	
Power Supply	12 VDC, 1.5 A
Consumption	≤ 18 W
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	319 × 236 × 48 mm (12.6 × 9.3 × 1.9 inch)
Weight	≤ 1.16 kg (2.6 lb)

▪ Available Model

iDS-7204HQHI-M1/XT

▪ Physical Interface

No.	Description	No.	Description
1	Video in	7	Audio out
2	USB interface	8	LAN network interface
3	Video out	9	Audio in
4	HDMI interface	10	RS-485 interface
5	VGA interface	11	12 VDC power input
6	Alarm in / alarm out	12	GND

▪ Dimension

scale/1:1;Unit/mm

See Far, Go Further

HIKVISION®