

Specification



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 4-ch

Facial Detection

Facial Detection And Capture

Face picture detection, face picture search

Video And Audio

IP Video Input

2-ch (up to 34-ch)
Enhanced IP mode on:
8-ch (up to 40-ch), each up to 4 Mbps,
Up to 6 MP resolution,
Support H.265+/H.265/H.264+/H.264 IP cameras

Analog Video Input

32-ch
BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection

HDTVI Input

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
*: The 3 MP signal input is only available for channel 1/2/3/4.

AHD Input

4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps

HDCVI Input

4 MP, 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

HDMI Output

1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz

VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz HDMI/VGA simultaneous output
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ), 32-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	16-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: 4 MP lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode is enabled: 4 MP lite/3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF
Frame Rate	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; 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

Network

Remote Connection	128
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF

Total Bandwidth	128 Mbps
Network Interface	1,RJ45 10/100/1000 Mbps self-adaptive Ethernet interface
Wi-Fi	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 when 1usup lite mode is enabled: 4 MP lite/3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF
Alarm In/Out	N/A (optional to support)

General

Power Supply	12 VDC, 5 A
Consumption	≤ 40 W
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") ≤ 2.1 kg (4.6 lb)