

HVR 8 Digital + 4 IP channel 1HDD slot

Technical Specification

System

Main Processor	Industrial-grade processor
Operating System	Embedded Linux
Operating Interface	Web; Local GUI

SMD Plus

SMD Plus by Recorder	8-channel: Secondary filtering for human and motor vehicle , reducing false alarms caused by leaves, rain and lighting condition change
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Audio and Video

Analog Camera Input	8 channels, BNC: adaptive access by default; HDCVI, AHD, TVI and CVBS access can be configured.
Camera Input	1. CVI: 5 MP, 4 MP, 1080p@25/30 fps, 720p@50/60 fps, 720p@25/30 fps. 2. TVI: 5 MP, 4 MP, 1080p@25/30 fps, 720p@25/30 fps. 3. AHD: 5 MP, 4 MP, 1080p@25/30 fps, 720p@25/30 fps. 4. CVBS: PAL/NTSC
IP Camera Input	Up to 12 channels of IPC access 4 IP channels by default + 8 channels (analog channels are converted to IP channels) incoming bandwidth: 64 Mbps, recording bandwidth: 64 Mbps and outgoing bandwidth: 64 Mbps *After IP channels are added beyond the existing channels, the AI Function (SMD) will be disabled.
Encoding Capacity	Main Stream: All channel 5M-N@(1 fps~10 fps); 4M-N/1080p@(1 fps~15 fps); 1080N/ 720p/960H/D1/ClF@(1 fps~25/30 fps) Sub stream: D1/ClF (1 fps~15 fps)
Dual-stream	Yes
Video Bit Rate	32 kbps~6144 kbps
Audio Sampling	8 kHz, 16 bit
Audio Bit Rate	64 kbps
Video Output	1 HDMI, 1 VGA HDMI/VGA: 1920 × 1080, 1280 × 1024, 1280 × 720
Multi-screen Display	When IP extension mode not enabled: 1/4/8/9 When IP extension mode enabled: 1/4/8/9/16
Third-party Camera Access	ONVIF; Panasonic; Sony; Axis; Arecont; Pelco; Canon; Samsung

Compression Standard

Video Compression	AI Coding; H.265+; H.265; H.264+; H.264
Audio Compression	G.711a; G.711u; PCM

Network

Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; P2P
Mobile Phone Access	iOS, Android
Interoperability	ONVIF 2.1.06; CGI Conformant
Browser	Chrome IE9 or later Firefox
Network Mode	Single-address mode

Recording Playback

Record Mode	General, motion detection, alarm, POS
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Recording Playback	1/4/8/9
Backup Method	USB device and network
Playback Mode	Instant playback, general playback, event playback, tag playback

Alarm

General Alarm	Motion detection, video loss, tampering
Anomaly Alarm	No disk, disk error, low space, offline, ip conflict, MAC conflict
Alarm Linkage	Record; snapshot (panoramic); local alarm output; IPC external alarm output; access controller; audio; buzzer; log, preset; email

Ports

Audio Input	1-channel RCA 8-channel BNC (Coaxial Audio)
Audio Output	1-channel RCA
Two-way Talk	Yes (share the same audio input with the first channel)
HDD Interface	1 SATA port, up to 16 TB. The maximum HDD capacity varies with environment temperature.
USB	2 USB ports (USB 2.0)
HDMI	1
VGA	1
Network Port	1 (10/100 Mbps Ethernet port, RJ-45)

