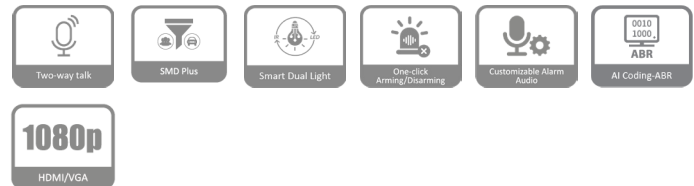


KX-7108T

8CH Penta-brid 1080N/720P Cooper 1U 1HDD Digital Video Recorder



- 8-channel two-way talk over coaxial cable allows for seamless communication between the camera, client and recorder.
- 8-channel SMD Plus for analog channels which allows the device to trigger accurate alarms for humans and vehicles.
- 8-channel AI Coding saves on storage and bandwidth while maintaining the details of targets in videos.
- Supports HDCVI, AHD, TVI, CVBS and IP video input.
- Supports up to 10-channel IP camera input and each channel can be up to 6 MP. The incoming bandwidth reaches 40 Mbps.
- Supports accessing Wi-Fi cameras, making it suitable for a wide range of scenes.
- Smart H.265+ and H.265 dual-stream video compression.



Technical Specification

System

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

SMD

SMD Plus by Recorder	8 channels: Secondary filtering for human and vehicle, reducing false alarms caused by leaves, rain and lighting condition change
SMD by Camera	10 channels

Audio and Video

Analog Camera Input	8 BNC ports, supports HDCVI/AHD/TVI/CVBS auto-detect
Camera Input	1. CVI: 1080p@25/30 fps; 720p@25/30 fps. 2. TVI: 1080p@25/30 fps; 720p@25/30 fps. 3. AHD: 1080p@25/30 fps; 720p@25/30 fps.
IP Camera Input	Up to 10 channels of IPC access 2 IP channels by default + 8 channels (analog channels are converted to IP channels) Incoming bandwidth: 40 Mbps, recording bandwidth: 40 Mbps and outgoing bandwidth: 40 Mbps *After IP extension is enabled, the AI Function (SMD) will be disabled.
Encoding Capacity	Main stream: the 1st channel 1080N/720p@(1 fps–25/30 fps), others 1080N/720p@(1 fps–15 fps); 960H/D1/CIF@(1 fps–25/30 fps) Sub stream: CIF@(1 fps–7 fps)
Dual-stream	Yes
Video Bit Rate	32 kbps–4096 kbps

Audio Sampling	8 kHz, 16 bit
Audio Bit Rate	64 kbps
Video Output	1 HDMI, 1 VGA HDMI: 1920 × 1080, 1280 × 1024, 1280 × 720 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	Panasonic; Sony; Hanwha; Axis; Arecont; ONVIF

Compression Standard

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

Network

Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; IPv6; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; FTP; DDNS; SNMP; Alarm Server; P2P; Auto Registration; IP Search (Supports IP camera, DVR, NVS, etc.)
Mobile Phone Access	iOS; Android
Interoperability	ONVIF 24.06 (Profile T; Profile S; Profile G); CGI; SDK
Browser	Chrome; IE; Safari; Edge; Firefox

Recording Playback

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

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Alarm

General Alarm	Motion detection; HDCVI alarm; camera external alarm; network alarm; PIR alarm
Anomaly Alarm	Error (no disk, disk error, low space, low quota space; network disconnection; IP conflict; MAC conflict); video loss; video tampering; camera offline
Intelligent Alarm	SMD Plus
Alarm Linkage	Record; snapshot (panoramic); IPC external alarm output; audio; buzzer; log; preset; email

Ports

Audio Input	1-channel RCA 8-channel BNC (Coaxial Audio)
Audio Output	1-channel RCA
Two-way Talk	Coaxial two-way talk: 8-channel BNC Local and network user two-way talk: Shares the same audio input with the first channel
Disk Interface	1 SATA port, up to 6 TB. This limit varies depending on the environment temperature.
USB	2 (2 rear USB 2.0 ports)
HDMI	1
VGA	1
Network Port	1 (10/100 Mbps Ethernet port, RJ-45)

General

Power Supply	12 VDC, 1.5 A
Power Consumption	<7 W (without HDD)
Net Weight	0.57 kg (1.26 lb)
Gross Weight	0.97 kg (2.14 lb)
Product Dimensions	197.0 mm × 204.3 mm × 41.5 mm (7.76" × 8.04" × 1.63") (W × D × H)
Packaging Dimensions	332.0 mm × 64.0 mm × 240.0 mm (13.07" × 2.52" × 9.45") (W × D × H)
Operating Temperature	−10 °C to +45 °C (+14 °F to +113 °F)
Storage Temperature	−20 °C to +60 °C (−4 °F to +140 °F)
Operating Humidity	10%–90% (RH), non-condensing
Installation	Desktop

Dimensions (mm[inch])

