

KX-DAi8104H2

4 Channel Penta-brid 5M-N Compact 1U DVR

Design and specifications are subject to change without notice.
Pictures in the document are for reference only, and the actual product shall prevail.



- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 6 channels IP camera inputs, each channel up to 6MP; Max 32 Mbps incoming bandwidth
- Up to 2 channels video stream (analog channel) Perimeter Protection
- Up to 4 channels video stream (analog channel) SMD Plus
- Up to 1 channel video stream (analog channel) human face recognition
- IoT & POS functionalities



System		TVI Camera Input	5MP, 4MP, 1080P@25/30, 720P@25/30fps
Main Processor	Embedded Processor	CVBS Camera Input	PAL/NTSC
Operating System	Embedded LINUX	IP Camera Input	4+2 channels, each channel up to 6MP
Perimeter Protection			Audio In/Out
Performance	2 channels, 10 IVS for each channel	Two-way Talk	1/1, RCA
Face Recognition		Recording	
Performance	Max 8 face pictures/sec processing 1 channel video stream face recognition, only support analog camera	Compression	AI Coding/H.265+/H.265/H.264+/H.264
Stranger Mode	Detect strangers' faces (not in device's face database). Similarity threshold can be set manually.	Resolution	5M-N, 4M-N, 1080P, 1080N, 720P, 960H, D1, CIF
AI Search	Up to 8 target face images search at same time, similarity threshold can be set for each target face image.	Record Rate	Main stream: All channel 5M-N (1fps–10fps); 4M-N/1080P (1fps–15fps); 1080N/720P/960H/D1/CIF (1fps–25/30fps) Sub stream: D1/CIF (1fps–15fps)
Database Management	Up to 10 face databases with 10,000 face images in total. Name, gender, birthday, address, certificate type, certificate No., countries®ions and state can be added to each face picture.	Bit Rate	32 Kbps–6144 Kbps Per Channel
Database Application	Each database can be applied to video channels independently.	Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Trigger Events	Buzzer, Voice Prompts, Email, Snapshot, Recording, Alarm Out, PTZ Activation, etc.	Record Interval	1 – 60 min (default: 60 min), Pre-record: 1 s–30 s, Post-record: 10 s–300 s
SMD Plus		Audio Compression	G.711A, G.711U, PCM
Performance	4 channels	Audio Sample Rate	8 KHz, 16 bit Per Channel
AI Search	Search by target classification (Human, Vehicle)	Audio Bit Rate	64 Kbps Per Channel
Video and Audio		Display	
Analog Camera Input	4 channels, BNC	Interface	1 HDMI, 1 VGA
HDCVI Camera Input	5MP, 4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps	Resolution	1920 × 1080, 1280 × 1024, 1280 × 720
AHD Camera Input	5MP, 4MP, 1080P@25/30, 720P@25/30fps	Multi-screen Display	When IP extension mode not enabled: 1/4 When IP extension mode enabled: 1/4/6
		OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Network		Network	
		Interface	1 RJ-45 Port (100 MB)

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Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, SNMP, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search (Supports KBVISION IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 16.12, CGI Conformant
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
Alarm input	N/A
Relay Output	N/A
Playback and Backup	
Playback	1/4
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network
Storage	
Internal HDD	1 SATA Port, up to 6TB capacity
eSATA	N/A
Auxiliary Interface	
USB	2 USB Ports (USB 2.0)
RS485	1 Port, for PTZ Control
RS232	N/A
Electrical	
Power Supply	DC 12V/1.5A
Power Consumption (Without HDD)	<4W

Construction	
Dimensions	Compact 1U, 260 mm × 238 mm × 48 mm (10.24" × 9.34" × 1.87")
Net Weight (without HDD)	1.0 kg (2.2 lb)
Gross Weight	1.4 kg (3.1 lb)
Installation	Desktop installation
Environmental	
Operating Conditions	-10°C to +55°C (+14°F to +131°F), 0–90% RH
Storage Conditions	-20°C to +70°C (-4°F to +158°F), 0–90% RH
Third-party Support	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more

Dimensions (mm[inch])

