

KX-D8104H1

4 Channel Penta-brid 1080P 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 24Mbps incoming bandwidth
- Smart Search and Intelligent Video System



| System | |
|----------------------|---|
| Main Processor | Embedded Processor |
| Operating System | Embedded LINUX |
| Video and Audio | |
| Analog Camera Input | 4 Channel, BNC |
| HDCVI Camera | 5MP, 4MP, 1080P@25/30fps, 720P@50/60fps, 720P@25/30fps |
| AHD Camera | 5MP, 4MP, 1080P@25/30, 720P@25/30fps |
| TVI Camera | 5MP, 4MP, 1080P@25/30, 720P@25/30fps |
| CVBS Camera | PAL/NTSC |
| IP Camera Input | 4+2 Channel, each channel up to 6MP |
| Audio In/Out | 1/1, RCA |
| Two-way Talk | Reuse audio in/out, RCA |
| Recording | |
| Compression | H.265+/H.265/H.264+/H.264 |
| Resolution | 5M-N, 4M-N, 1080P, 1080N, 720P, 960H, D1, CIF |
| Record Rate | Main stream: 5M-N(1~10fps), 4M-N/1080P(1~15fps); 1080N/720P/960H/D1/CIF (1~25/30fps) Sub stream: D1/CIF(1~15fps) |
| Bit Rate | 32Kbps ~ 6144Kbps Per Channel |
| Record Mode | Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop |
| Record Interval | 1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec |
| Audio Compression | G.711A, G.711U, PCM |
| Audio Sample Rate | 8KHz, 16 bit Per Channel |
| Audio Bit Rate | 64Kbps Per Channel |
| Display | |
| Interface | 1 HDMI ,1 VGA |
| Resolution | 1920×1080, 1280×1024, 1280×720 |
| 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 | |
| Interface | 1 RJ-45 Port (100M) |
| 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 2.0 |
| RS232 | N/A |
| RS485 | 1 Port, for PTZ Control |

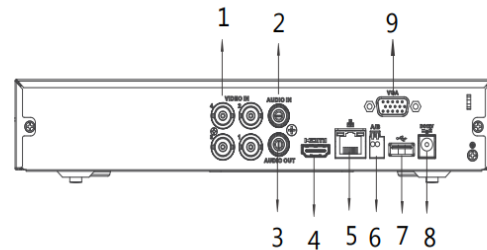
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4 Channel Penta-brid 1080P Compact 1U DVR

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| Electrical | |
|------------------------------------|---|
| Power Supply | DC12V/1.5A |
| Power Consumption (without HDD) | <10W |
| Construction | |
| Dimensions | Compact 1U, 260×236×48mm(10.2"×9.3"×1.9") |
| Device with PFH101 Rack Mount Tray | 483mm×281mm×56mm (19.0"×11.1"×2.2") |
| Net Weight (without HDD) | 0.9kg (2.0 lb) |
| Gross Weight | 1.6kg (3.5 lb) |
| Installation | Desktop installation |
| Environmental | |
| Operating Conditions | -10°C ~ +45°C (+14°F ~ +113°F), up to 55°C/131°F with case fan, 10~ 90% RH |
| Storage Conditions | -20°C ~ +70°C (-4°F ~ +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 |

Panels



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|---|--------------------------|---|--------------------|
| 1 | VIDEO IN | 6 | RS485 Interface |
| 2 | AUDIO IN, RCA Connector | 7 | USB Interface |
| 3 | AUDIO OUT, RCA Connector | 8 | DC 12V Power Input |
| 4 | HDMI Interface | 9 | VGA Interface |
| 5 | Network Interface | | |