

KX-D8116-D

5M-N/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.264/H264+dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 24 channels IP camera inputs, each channel up to 4 MP
- Max 96 Mbps incoming bandwidth
- Supports 5 MP camera input
- Supports simultaneous display of VGA and HDMI
- Supports 1 SATA HDD, up to 8 TB
- Smart Search and Intelligent Video System



System	
Main Processor	Embedded processor
Operating System	Embedded LINUX
Face Detection	
Face Detection	only for the 1st channel, only support analog camera
IVS Analytics	
IVS	1 channel, 10 IVS for each channel, only support analog camera
Audio and Video	
Analog Camera Input	16 channels,BNC
HDCVI Camera Input	5 MP; 4 MP; 3 MP; 1080p; 720p
AHD Camera Input	5 MP; 4 MP; 3 MP; 1080p; 720p
TVI Camera Input	5 MP; 4 MP; 3 MP; 1080p; 720p
CVBS Camera Input	PAL/NTSC
IP Camera Input	16+8 channels, each channel up to 4MP
Audio Input	1 RCA
Audio Output	1 RCA
Two-way Talk	Reuse audio in/out, RCA
Display	
Ports	1 HDMI, 1 VGA
Video Output	HDMI: 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720
Multi-screen Display	When IP extension mode enabled: 1/4/8/9/16/25 When IP extension mode not enabled: 1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video Compression	H.264+/H.264
Resolution	5 MP, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF, BCIF, QCIF
Record Rate	Main stream: All channel 5M-N(1fps-10fps); 4M-N/1080p (1 fps-15 fps); 720p/960H/D1/CIF (1 fps-25/30 fps); Sub steram: 960H(1 fps-15 fps); 1/CIF(1 fps-25/30 fps)

Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Bit Rate	32 Kbps-6144 Kbps Per Channel
Audio Sample Rate	8 KHz, 16 bit Per Channel
Audio Bit Rate	64 Kbps Per Channel
Alarm	
General Alarm	Motion detection, Video Loss, tampering
Anomaly Alarm	No disk, disk error, low space, offline, ip conflict, MAC conflict
Intelligent Alarm	Face detection, IVS
Alarm Linkage	Record, snapshot (panoramic), IPC external alarm output, access controller, voice prompt, buzzer, log, preset, email
Playback and Backup	
Sync Playback	1/4/9/16
Search Mode	Time/Date, Alarm, MD and Exact Search (accurate to second)
Playback Mode	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)
Backup	USB Device/Network
Network	
Interface	1 RJ-45 Ports (10/100/1000 Mbps)
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, SNMP, UPnP, RTSP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, Alarm Server, IP Search (Supports KBVISION IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Mobile App	iPhone, iPad, Android
Interoperability	ONVIF (profile S), SDK, CGI
Storage	
HDD Interface	1 SATA port, up to 8 TB capacity
eSATA	N/A
Auxiliary Interface	
USB	2 USB Ports (1 USB 3.0, 1 USB 2.0)
RS485	1 Port, for PTZ Control

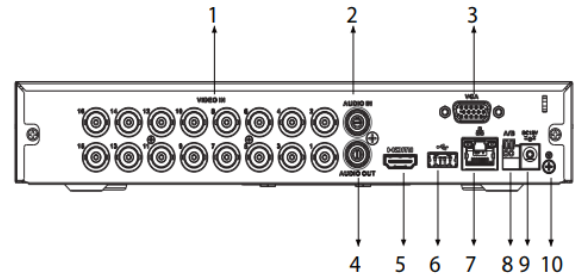
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Electrical	
Power Supply	12 VDC/2A
Power Consumption (Without HDD)	≤ 10 W
Environmental	
Operating Conditions	-10 °C to +55 °C (+14 °F to +131 °F)
Storage Conditions	10%–90%
Construction	
Dimensions	Compact 1U, 260 mm × 220 mm × 44 mm (10.24" × 9.34" × 1.87")
Net Weight	≤ 1.05 kg (2.31 lb) (without HDD)
Installation	Desktop installation
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 | 2 AUDIO IN, RCA Connector |
| 3 VGA Port | 4 AUDIO OUT, RCA Connector |
| 5 HDMI Port | 6 USB Port |
| 7 Network Port | 8 RS-485 Port |
| 9 Power Input | 10 Ground |