KBVISION

KX-E4K8108-D

8 Channel Penta-brid 4K Mini 1U DVR

· H.264/H264+dual-stream video compression
· Supports HDCVI/AHD/TVI/CVBS/IP video inputs
· Max. 12 channels IP camera inputs, each channel up to 4 MP
· Max. 48 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

Face Detection | IVS | Sound and Light Alarm | 5Mp | 1080p HDMI/VGA | 4K HDMI

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
Video and Audio	
Analog Camera Input	8 channels, BNC
HDCVI Camera	4K; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 720p
AHD Camera	4K; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 720p
TVI Camera	4K; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 720p
CVBS Camera	PAL/NTSC
IP Camera Input	8+4 channels, each channel up to 4 MP
Audio In/Out	8/1, RCA
Two-way Talk	Reuse audio in/out, RCA
Recording	
Compression	H.264+/H.264
Resolution	4K, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p, 960H, D1, CIF, BCIF, QCIF
Record Rate	Main stream: All channel 4K (1 fps–7 fps); 6 MP (1 fps–10 fps); 5 MP (1 fps–12 fps); 4 MP/3 MP (1 fps–15 fps);/1080p/720p/960H/D1/CIF (1 fps–25/30 fps); Sub steram: 960H (1 fps–15 fps); 1/CIF (1 fps–25/30 fps)
Bit Rate	32 Kbps–6144 Kbps 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 Sample Rate	8 KHz, 16 bit Per Channel

Audio Bit Rate	64 Kbps Per Channel
Display	
Ports	1 HDMI ,1 VGA
Video Output	HDMI: 3840 x 2160, 2560 x 1440, 1920 x 1080, 1280 x 1024, 1280 x 720 VGA: 1920 x 1080, 1280 x 1024, 1280 x 720
Multi-screen Display	When IP extension mode enabled: 1/4/8/9/16 When IP extension mode not enabled: 1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Network	
Network Port	1 RJ-45 Port (1000 MB)
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
Smart Phone	iPhone, Android
Interoperability	ONVIF (profile S), CGI, SDK
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
Alarm input	8
Relay Output	3
Playback and Backup	
Playback	1/4/9
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)
Backup Mode	USB Device/Network

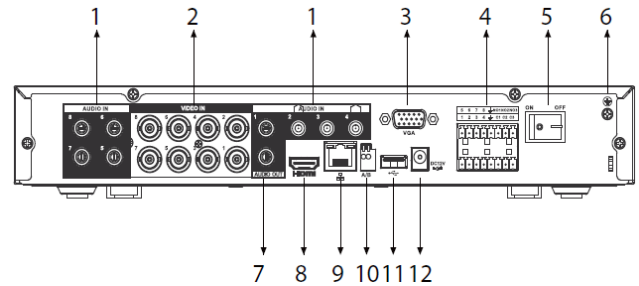# KX-E4K8108-D

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Storage	
Internal HDD	1 SATA ports, up to 8 TB capacity
eSATA	N/A

Auxiliary Interface	
USB	2 USB 2.0 (1 USB 2.0, 1 USB 3.0)
RS232	N/A
RS485	1 Port, for PTZ Control

Electrical	
Power Supply	DC12V/2A
Power Consumption	≤ 10 W

Construction	
Dimensions	Mini 1U, 325 mm × 245 mm × 45 mm × 55 mm(12.80'' × 10.11" × 2.17")
Net Weight	≤ 1.2 kg (2.6 lb)
Installation	Desktop installation

Environmental	
Operating Temperature	−10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	10%–90%

Third-party Support	
Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more

Panels

1	AUDIO IN, RCA Connector	2	VIDEO IN
3	VGA Port	4	Alarm In/Out
5	Power Switch	6	Ground
7	AUIDO OUT, RCA Connector	8	HDMI Port
9	Network Port	10	RS-485 Port
11	USB Port	12	Power Input