KBVISION

KX-D2K8108-D
8 Channel 4K Compact 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
Audio and Video	
Analog Camera Input	8 channels, BNC
HDCVI Camera Input	4K; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 720p
AHD Camera Input	4K; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 720p
TVI Camera Input	4K; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 720p
CVBS Camera Input	PAL/NTSC
IP Camera Input	8+4 channels, each channel up to 4 MP
Audio Input	1 RCA
Audio Output	1 RCA
Two-way Talk	Reuse audio in/out, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	HDMI: 3840 × 2160, 2560 × 1440, 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 When IP extension mode not enabled: 1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.264+/H.264
Resolution	4K, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, 960H, D1, CIF, BCIF, QCIF etc.
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);

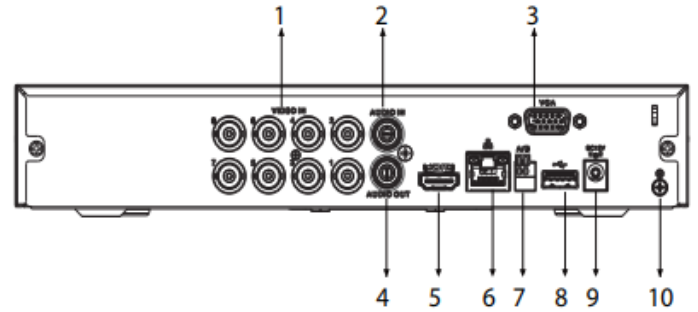|	
	Sub steram: 960H (1 fps–15 fps);1/CIF (1 fps–25/30 fps)
Bit Rate	32 Kbps–6144 Kbps Per Channel
Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Audio Sample Rate	8 KHz, 16 bit Per Channel
Audio Bit Rate	64 Kbps Per Channel
Audio Compression	G.711A; G.711U; PCM
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	16 Channel
Relay Output	6 Channel
Playback and Backup	
Sync Playback	1/4/9/16
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
Third-party Support	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CPPlus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more
Network	
Interface	1 RJ-45 Ports (1000Mbps)
Network Function	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, iPad, Android

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

Interoperability	ONVIF (profile S), SDK, CGI
Storage	
Internal HDD	1 SATA Ports, Up to 8 TB capacity
eSATA	N/A
Auxiliary Interface	
USB	2 USB Ports (1 Rear USB 3.0, 1 Front USB 2.0)
RS485	1 Port, for PTZ Control
Electrical	
Power Supply	12 VDC/2A
Power Consumption	≤ 10 W (Without HDD)
Environmental	
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)
Operating Humidity	10% ~ 90%
Construction	
Dimensions	Compact 1U, 260 mm × 220 mm × 44 mm (10.24'' × 9.34'' × 1.87'')
Net Weight	≤ 1.1 kg (2.43 lb) (without HDD)
Installation	Desktop installation/Rack-mounted

Panels

1	VIDEO IN	2	AUDIO IN, RCA Connector
3	VGA Port	4	AUDIO OUT, RCA Connector
5	HDMI Port	6	Network Port
7	RS-485 Port	8	USB Port
9	Power Input	10	Ground