KBVISION

KX-C8104WN2
4 Channel Compact 1U WiFi Network Video Recorder

- H.264+/H.264 codec decoding
- Max 80Mbps Incoming Bandwidth
- Up to 5MP Resolution for Preview and Playback
- HDMI/VGA simultaneous video output
- Support three-antenna to strengthen the WiFi signal
- Support 2.4GHz and 5GHz dual-bands

Technical Specification

System

Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX

Display

Interface	1 HDMI, 1 VGA
Resolution	1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
Multi-screen Display	1/4
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

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 and Camera Blank
Alarm input	N/A
Relay Output	N/A

Playback and Backup

Playback	1/4
Search Mode	Time /Date, MD and Exact Search (accurate to second), Smart search
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 III Ports, Up to 6 TB capacity for each HDD
HDD Mode	Single
eSATA	N/A

Auxiliary Interface

USB	2 USB Ports (2 USB2.0)
RS232	N/A
RS485	N/A

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

Audio and Video

IP Camera Input	4 Channel
Two-way Talk	N/A

Recording

Compression	H.264+/H.264/MJPEG
Resolution	5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P etc.
Record Rate	80Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Camera Blank, Video Loss), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec

Network

Interface	1 RJ-45 Port (10/100Mbps)
Ethernet Port	1 Independent 100Mbps Ethernet Port
PoE	N/A
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, IP Search (Support IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant

Electrical

Power Supply	Single, DC12V/2A
Power Consumption	<10W (Without HDD)

Environmental

Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

Construction

Dimensions	260mm x 246.4mm x 47.6mm (10.24" x 9.7" x 1.87")
Net Weight	0.5kg (1.1 lb) (Without HDD)
Gross Weight	2.0kg (4.4 lb)(Without HDD)