NETWORK VIDEO RECORDER

MODEL: VX-NVR0802-H5

Features

- H.265+/H.265/H.264+/H.264 video formats
- H.265+ compression effectively reduces the storage space by up to 75%
- HDMI video output at up to 4K resolution
- Up to 2 SATA interfaces for HDD connection
- 8 PoE self-adaptive 10/100/1000 Mbps Ethernet interfaces.
- Support multiple VCA (Video Content Analytics) event smart search for the selected area in the video, and smart playback to imp.
- Intelligent analytics based on deep learning algorithm

Product Image

Specifications

System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
IP Camera Input	08 channel Up to 12 MP resolution
Incoming bandwidth	160 Mbps
Outgoing bandwidth	320 Mbps
Storage speed	> 24 pictures/ 01 camera/ 01 second

Display	
Interface	1 HDMI , 1 VGA
Resolution	Max 4K (3840 × 2160)/60Hz
Display Split	1/4/8/9
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz
Video output mode	HDMI/VGA independent output
Two-way audio input/output	1-ch, RCA (Linear, 1 KΩ) 1-ch, RCA (2.0 Vp-p, 1 KΩ)

Recording	
Decoding format	H.265+/H.265/H.264+/H.264/MPEG4/MJPEG
Audio compression	G.711ulaw/G.711alaw/G.722/G.726/MP2L2
Resolution	12Mp, 8Mp, 6Mp, 5Mp, 3Mp, 1080P, 1.3Mp, 720P & etc.
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop

Interface	
SATA	2 SATA interfaces supporting hot-plug (HDD 4TB included)
Capacity	Up to 10 TB capacity per disk
Alarm in/out	1/1
Audio in/out	1/1
USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
PoE port	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 120W; IEEE 802.3 af/at

Playback & Backup	
Playback	1/4/9
Search Mode	Time/Date, Alarm, MD & 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/Internal SATA burner/eSATA Device

Video Content Analytics	
Smart Function	Support multiple VCA (Video Content Analytics) events
Intelligent Search	Search by picture, Search by name …
Face Comparisom	Face attendance, Stranger Alarm
Facial detection	1-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)
Perimeter Protection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection

Network	
Ethernet	1 RJ-45 port (10/100/1000Mbps)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
General	
Power Supply	100 to 240 VAC, 50 to 60 Hz, 180W
Power Consumption	≤ 15 W (without HDD)
Operating Temperature	-10 °C to 55 °C
Operating Humidity	10% to 90%
Chassis	1U
Product Dimensions	385 × 315 × 52 mm
Product Weight	≤ 3 kg (6.5 lb) (without HDD)