PRO SERIES
VPRO-NVR-64RR-8H-U

VEILUX
The Art of Surveillance

64 Channel Network Video Recorder with 8HDD with RAID

Features:

- Support Ultra 265/H.265/H.264 video formats
- 64-channel input
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 2 HDMI and 2 VGA. VGA1 and HDMI1 simultaneous output, VGA2 and HDMI2 simultaneous output. VGA1/HDMI1 and VGA2/HDMI2 independent output
- Up to 32 Megapixels resolution recording
- 8 SATA HDD, up to 16TB for each HDD Support N+1 Hot spare
- Support HDD hot swap with RAID 0, 1, 5, 6, 10 storage scheme configurable
- ANR technology to enhance the storage reliability when the network is disconnected
- Redundant power supply optional
- Support cloud upgrade

Specifications:

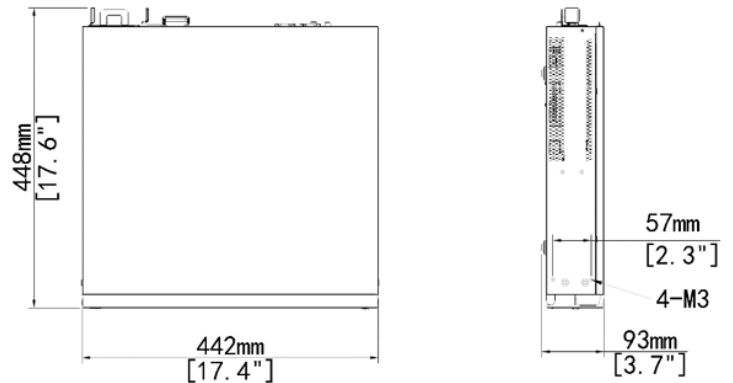| VIDEO/AUDIO INPUT	
IP Video Input	64-ch
Audio Input	1-ch, RCA
NETWORK	
Incoming bandwidth	384Mbps
Outgoing bandwidth	384Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, 802.1x, IPV6
Browser	IE(IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome (version 45 and above) for Windows Edge(version 79 and above) for Windows
VIDEO/AUDIO OUTPUT	
HDMI/VGA Output	HDMI1, HDMI2: 4K (3840x2160)@60, 4K (3840x2160)@30, 1920x1080p@60, 1920x1080p@50, 1600x1200@60, 1280x1024@60,1280x720@60, 1024x768@60 VGA1, VGA2: 1920x1080p@60, 1920x1080p@50, 1600x1200@60, 1280x1024@60, 1280x720@60, 1024x768@60
Recording Resolution	32MP/16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	2-ch, RCA
Two-way Audio	1-ch, RCA(Using the audio input and output)
Audio Compression	G.711A, G.711U
Synchronous Playback	16-ch
Live View Display	HDMI1, VGA1: 1/4/6/8/9/16/25/36/64 HDMI2, VGA2: 1/4/6/8/9/16/25/36
Corridor Mode Screen	3/4/5/7/9/10/12/16/32
SNAPSHOT	
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 1080P resolution
DECODING	
Decoding Format	Ultra 265/H.265/H.264
Live View/Playback	32MP/12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 16 x 4MP@30, 32 x 1080P@30, 54 x 960P@25, 72 x 720P@30, 128 x D1
HARD DISK	
SATA	8 SATA interfaces
Capacity	Up to 16TB for each disk
Disk Group	Support
Disk Array Type	RAID 0/1/5/6/10
Hot Swap	Supp

SMART	
VCA Detection by Camera	Face Detection;Vehicle Detection;SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area);Ultra Motion Detection(UMD);Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection);People Counting(People Flow Counting, Crowd Density Monitoring);Video Metadata;Traffic Monitoring
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map
Smart by IPC	All channels (up to 16 images/s in total)Face Detection, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total

ALARM	
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal

EXTERNAL INTERFACE	
Network Interface	2 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Front: 2 x USB2.0, Rear panel: 2 x USB3.0
eSATA	1
RS232	1
RS485	1
Alarm In	16-ch
Alarm Out	10-ch

GENERAL	
Power Supply	100~240V AC Power Consumption: ≤ 50W (without HDD)
Power Output	12V
Working Environment	-10℃~+ 55℃ (+14℉~+131℉), Humidity ≤ 90% RH (non-condensing)
Dimensions (LxWxH)	442mm × 448mm × 93mm (17.6" × 17.4" × 3.7")
Weight	≤ 6Kg (13.23lb)

Dimensions

448mm [17.6"]
442mm [17.4"]
57mm [2.3"]
4-M3
93mm [3.7"]

Rear Panel

VGA Output 2
VGA Output 1
Audio Output 1
Network Interface
GND
eSATA
Audio Input
Audio Output 2
HDMI Output 1
HDMI Output 2
Alarm Input
Power Supply 1
Power Supply 2
12V Output
RS485
Alarm Output
RS232
USB