VN3A-16X16
16 Ch NVR with 16 Plug & Play Ports, 320 Mbps, 2 HD Bays, 4K, With Cloud Upgrade

Features

- 16 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 12 Megapixel Resolution Recording
- 320 Mbs Bit Rate Input
- Supports up to 16 channel simultaneous playback
- Works with ONVIF or other supported IP cameras (Profile S/G/T)
- Local HDMI main monitor output with 4K Support
- Local VGA main monitor output up to 1080p
- P2P Vision Stream Connect for Networking
- Multiple video search options including Smart Search for quick retrieval of footage
- H.265/H.264 video compression
- Upgrade your recorder via the Cloud
- Smart Analytic Support/ 8CH SIP Max
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) to manage multiple units & sites from a single platform
- Free MAC client software to easily manage your system from your Apple computer

Model	VN3A-16X16
Video/Audio Input	
IP Video Input	16-ch
Two-way Audio Input	1-ch, RCA
Network	
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	320Mbps
Remote Users	128 users or 1,024 channels
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS,DNS, DDNS,SNMP,SMTP,NFS
Video/Audio Output	
HDMI/VGA Output (Independent)	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Audio Compression	G.711A, G.711U
Synchronous Playback	16-ch
Liveview Display	1/4/6/8/9/16
Corridor Mode Screen	3/4/5/7/9/10/12/16
Snapshot	
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 1080P resolution

Decoding	
Decoding format	Ultra 265, H.265, H.264
Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16 x 720P@30
Hard Disk	
SATA	2 SATA interfaces
Capacity	up to 18TB WD & 20TB Seagate
Disk Group	Support
Smart	
VCA Detection by Camera	Face detection, Face comparison, Intrusion detection, Cross line detection, Enter area, Leave area, Defocus detection, Scene change detection, Auto tracking, Object Left Behind, Object Removed, Vehicle control
VCA Search	Face search, Face Comparison search, Behavior search, Vehicle search
People counting	People flow counting, Crowd density monitoring
Smart Intrusion Prevention (SIP), Face Detection, Face comparison, Vehicle Detection by Camera	Total 8-ch (True AI)
General Alarm	
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Input Alarm, 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	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
USB Interface	Front panel: 2 x USB2.0 Rear panel: 1 x USB3.0
RS485	1
Alarm In	8-ch
Alarm Out	2-ch
PoE	
Interface	16 RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 240W in total
Supported Standard	IEEE 802.3af/at
General	
Power Supply	100 ~ 240V AC Power Consumption: ≤ 15W (without HDD)
Working Environment	14°F ~ 131°F (-10°C~+ 55°C), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	15.0" × 12.4"× 2.1" (380mm × 315mm × 53mm)
Weight (without HDD)	≤ 5.73lb (2.6Kg)
Certification	
Certification	UL, CE, FCC, RoHS, WEEE

Ordering Information
VN3A-16X16: 16 Ch with 16 Plug & Play Ports