



## VN2A-16X16

16 Ch NVR with 16 Plug & Play Ports, 160 Mbps, 4K With Cloud Upgrade

### Features

- 16 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 8 Megapixel Resolution Recording
- 160 Mbps Bit Rate Input
- Supports up to 16 channel simultaneous playback
- Smart Analytic Support/ 8ch SIP Max
- Works with ONVIF or other supported IP cameras
- Local HDMI main monitor output with 4K Support
- Local HDMI & 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.
- Ultra 265/ H.265/H.264
- Upgrade your recorder via the Cloud
- Free Central Management Software (CMS)
- Free iOS & Android Apps for Smart Phones & Tablets
- Free MAC Client

Model	VN2A-16X16
Video/Audio Input	
IP Video Input	16-ch
Two-way Audio Input	1-ch, RCA
Network	
Incoming Bandwidth	160Mbps
Outgoing Bandwidth	64Mbps
Remote Users	128 users or 1,024 channels
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP
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	HDMI: 4K (3840x2160@30), 1920X1080@60, 1920X1080@50, 1600X1200@60, 1280X1024@60, 1280X720@60, 1024X768@60 VGA: 1920X1080@60, 1920X1080@50, 1280X1024@60, 1280X720@60, 1024X768@60
Recording Resolution	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
Decoding	
Decoding format	Ultra265/H.265/H.264
Live view/Playback	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	2 x 4K@30, 4x 4MP@30, 5 x 3MP@30, 8 x 1080P @30, 16 x 720P@30
Hard Disk	
SATA	4 SATA interfaces
Capacity	up to 18TB WD & 20TB Seagate
Smart	
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking
VCA Search	Behavior search
People counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP) by Camera	8-ch (True AI)
General Alarm	
General Alarm	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	1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0
RS485	1
Alarm In	16-ch
Alarm Out	4-ch
PoE	
Interface	16 RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 150W in total
Supported Standard	IEEE 802.3af/at
General	
Power Supply	100 ~ 240 V 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)	15.7" × 14.2" × 2.9" (400mm × 362mm × 74mm)
Weight (without HDD)	≤ 11.02lb (5kg)
Certification	
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017
FCC	Part15 Subpart B, ANSI C63.4

### Ordering Information

**VN2A-16X16:** 16 Ch NVR with 16 Plug & Play Ports

