



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
- 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
- EZ 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
Protocols	P2P, UPnP, NTP, DHCP, PPPoE
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
Synchronous Playback	16-ch
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	Max 14TB for HDD
Smart	
VCA Detection	Face detection, Intrusion detection, Cross line detection, Audio detection, Defocus detection, Scene change detection, Auto tracking, Object Left Behind, Object Removed
VCA Search	Face search, Behavior search
Statistical Analysis	People counting
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
Serial Interface	1 x RS485
Alarm In	16-ch
Alarm Out	4-ch
PoE	
Interface	16 independent 100Mbps PoE network interfaces
Max Power	Max 30W for single port Max 240W in total
Supported Standard	IEEE 802.3af/at
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 (WxDxH)	15.7" x 14.2" x 2.9" (400mm x 362mm x 74mm)
Weight (without HDD)	≤ 5.29lb (5kg)

Ordering Information

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