



## EN1AI-16X16

16 Ch NVR with 16 Plug & Play Ports, 160 Mbps, 2 HD Bays, 4K With Cloud Storage & Upgrade

### Features

- 16 Plug & Play Ports for easy camera setup PoE (Power Over Ethernet) available on all ports
- Up to 12 Megapixel Resolution Recording
- 160 Mbps Bit Rate Input
- Supports up to 16 channel simultaneous playback
- Works with ONVIF or other supported IP cameras
- Local HDMI main monitor output with 4K Support
- Local VGA main monitor output up to 1080p
- True P2P Connectivity with QR Code Connect
- Multiple video search options including Smart and Thumbnail Search for quick retrieval of footage.
- H.265/H.265+/H.264/H.264+ video compression
- Store and access video storage to the Cloud
- Upgrade your recorder via the Cloud
- 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	EN1AI-16X16
Chipset	Hi3536
Video & Audio Input	
IP Video Input	16ch
Two Way Talk	1-ch, RCA (Linear, 1kΩ)
Video & Audio Output	
HDMI	4K(3840×2160)/30Hz,1920×1080/60Hz,1440×900/60Hz,1280×1024/60Hz, 1280×720/60Hz,1024×768/60Hz
VGA	1920×1080/60Hz,1440×900/60Hz,1280×1024/60Hz,1280×720/60Hz,1024×768/60Hz
Audio Output	1-ch, RCA
Recording	
Compression	H.265+ /H.265/H.264/H.264+
Resolution	12 MP / 8MP / 5MP /4MP / 3MP /1080P /720P /D1/CIF /QCIF
Bit Rate	64Kbps~10Mbps
Playback & Backup	
Playback Resolution	8MP / 5MP /4MP / 3MP /1080P /720P /D1/CIF /QCIF
Decoding Capability	16CH@1080P
Playback Mode	Smart Playback/Normal/Time Division/ Label/ Event/ Log playback
Backup Mode	USB Device/Network/External HDD
Advanced Features	
Smart Detection	Line crossing detection, Area Intrusion detection, Region Entrance, Region Exiting, Fast moving, Unattached Object, Object Missing, Face Detection
Smart Playback	Face detection/Line Crossing/Area Intrusion/Motion Detection
Cloud Storage	Support
Cloud Upgrade	Support
Network	
incoming Bandwidth	160Mbps
outgoing Bandwidth	256Mbps
Ethernet	1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface
Network Function	HTTPs,HTTP,TCP/IP,IPv4,UPnP,UPnP™,RTSP,RTCP,UDP,SMTP,SNMP,-Multicast, IGMP,NTP,DHCP,DNS,IP Filter,DDNS,FTP,P2P,ONVIF
Smart Phone	IOS(iPhone, iPad), Android(Phone, Pad)
Hard Disk	
SATA	2 SATA interface
Capacity	Up to 12TB capacity for each HDD
External Interface	
POE Interface	16 independent 10 /100 Mbps PoE Ethernet interfaces
Max Power	25W Per Port, Max 230 in Total
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0
Alarm In	8-ch
Alarm Out	2-ch
General	
Web Client	User Defined, Max 32 Users
Power Supply	AC 100~240V
Power Consumption	≤15W(without HDD and POE)
Working Environment	
Dimension (W×D×H)	14.9 x 12 x 1.77 inches (380 x 305 x 45mm)
Weight	7.93 lbs (3.6kg)

### Ordering Information

**EN1AI-16X16:** 16 Ch NVR with 16 Plug & Play Ports  
Available with 2/4/8/10/12 TB Hard Drive Options