SN1A-1A16X16
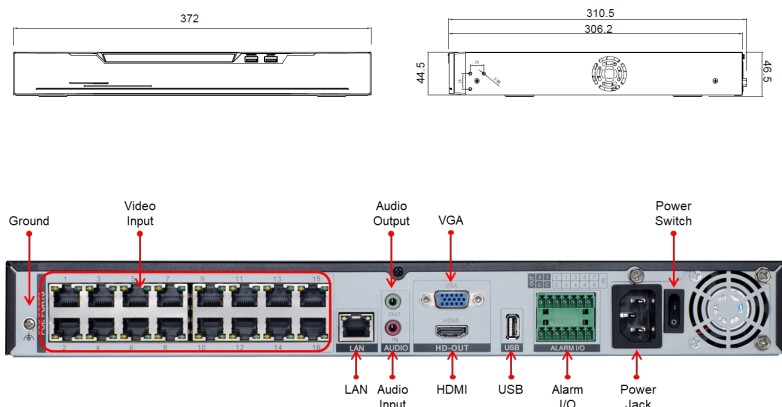
16 Ch NVR with 16 Plug & Play Ports, 112 Mbps, 2 HD Bays, 4K

Features

- Up to 12 Megapixel Resolution Recording
- 112 Mbps Bit Rate Input
- Supports up to 16 channel simultaneous playback
- Smart Analytic Support
- 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 Search for quick retrieval of footage
- H.265/ H.264
- 2 Hard Drive Bays
- Supports Native Chrome/EDGE Use
- Free Central Management Software (CMS)
- Free iOS & Android Apps for Smart Phones & Tablets
- TAA Compliant

Video Input	
IP Camera Input	16 Channel
Incoming Bandwidth	112 Mbps
Outgoing Bandwidth	112 Mbps
Video Output	
HDMI Output	3840×2160, 1920×1080, 1280×1024, 1024×768
VGA Output	1920×1080, 1280×1024, 1024×768
Multi-Screen Display	Auxiliary Screen off (copied output): HDMI/VGA Output: 1/4/9/16 Auxiliary Screen On(independent output): HDMI Output:1/4/8 (Main) VGA Output: 1/4/8 (Spot) Max 8+8 Local Live View
Dual Stream	Support
Multi-screen Display	1/4/9/16
AI Recognition	
Face Comparison	Real-time captured and display faces comparison results (registrant (name and ID), stranger, channel, similarity)
Multi-objective	Real-time captured and display vehicle, human body, non-motor vehicle, license plates image, and faces comparison results (registrant, stranger, channel, similarity)
Smart Search	Time, Properties, Pictures, Smart, Intelligent Analysis
Trigger Events	Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc.
Recoding	
Resolution	12MP, 8MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Recording Mode	Manual, Schedule (Regular, Continuous), Event
Trigger Events	Motion Detection, Video Loss, Alarm in/out, Intelligent Analysis

Playback and Backup	
Sync Playback	16/9/4/1
Decoding Capacity	1ch 12MP, 4ch 4MP, 8ch 1080P, 16ch D1@30fps
Search Mode	Time /Date, Alarm, Picture grid, Event
Backup Mode	USB Device, Network
Alarm	
General Alarm	Motion Detection, Video Loss, Alarm in, Alarm out
Intelligent Analysis (By Camera)	Smoking Detection, Smoke and Fire Detection, Fire Spot Detection, Intrusion, Single Line Crossing, Double Line Crossing, Loitering, Wrong way, Illegal Parking, People Counting, Enter Area, Leave Area, etc. (Human & Vehicle Detection)
Abnormal Alarm	Disk Alarm, IP Address Conflict, Network Disconnect
Intrusion Detection (By NVR)	4ch, support the accurate detection of human and vehicle Detection (By ONVIF)
Face	
Face Detection Performance (AI by IPC)	16CH
Comparison Capability	25 pictures / second
Face Picture Database	16 libraries 10000 Face Pictures
Face Picture Search	Search by picture is supported
Database Management	Add, modify, delete and search face pictures
Face Picture Adding	Add face pictures through APP, WEB and external import
Face Picture Comparison	Support Register/Stranger Alarm
Network	
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE
Remote Users	8 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF, SDK, CGI
Interface	
SATA	2 SATA ports, up to 20TB for each disk w/Western Digital
Network	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet port
PoE	8 ports, IEEE 802.3af/at, Up to 30W per Port, Total Max 128 watts
HDMI	1
VGA	1
Audio I/O	1/1
Alarm I/O	8/2
USB	Front panel: 2 x USB 2.0; Rear panel: 1 x USB 2.0
Reset Button	On-board reset button
General	
Power Supply	AC100 ~ 240V
Power Consumption	< 15 W (without HDD)
Operating Conditions	14 °F ~ 122 °F (-10 °C ~ 50 °C)
Storage Conditions	Less than 90% RH
Certifications	CE/FCC
Dimensions	16.65 × 12.2 × 2.2 in (372 × 310.5 × 46.5 mm)
Net Weight	6.05 lb (2.75 kg) without HDD

Ordering Information

SN1A-1A16X16: 16 Channel NVR with 16 Plug & Play Ports

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