NVR302-16E2-IQ

Video recorder NVR302-16E2-IQ Network Video Recorder

- Support Ultra H.265/H.265/H.264 video formats
- 9/16/32-channel input
- Supports mainstream cameras of ONVIF conformance (Profile S, Profile G, Profile T) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- Support HDMI and VGA simultaneous output
- Up to 12 Megapixels resolution recording
- 2 SATA HDDs, Up to 8TB for each HDD
- Various fisheye dewarping modes for live view and playback for both web interface and GUI
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

Number of channels	16 channel
Type	NVR
Megapixel	12 MP
Max HDD count	2 HDD
Max HDD capacity	8 TB

Detailed

Model	NVR302-16E2-IQ
Video/Audio Input	
IP Video Input	16-ch
Two-way Audio Input	1-ch, RCA
Network	
Incoming Bandwidth	Smart Off: 320Mbps

	Smart On: 160Mbps
Outgoing Bandwidth	Smart Off: 320Mbps Smart On: 160Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS ,DNS,DDNS,SNMP,SMTP,NFS
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	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
Live View 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	Smart Off: 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 22 x 720P@30, 32 x D1 Smart On: 1 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 18 x 720P@30, 32 x D1
Hard Disk	
SATA	2 SATA interfaces
Capacity	Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature)
eSATA	NA
Disk Group	Support
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, Ultra Motion Detection(UMD)
NVR Smart	Smart Intrusion Prevention (SIP), UMD
VCA Search	Behavior Search, Vehicle Search
People Counting	People Flow Counting, Crowd Density Monitoring
SIP by NVR with normal cameras	4-ch
UMD by NVR	8-ch
SIP, Vehicle Detection, UMD by Camera	Total 8-ch

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	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
USB Interface	Front panel: 1 x USB2.0,Rear panel: 1 x USB2.0 1 x USB3.0
RS232	NA
RS485	1
Alarm In	8-ch
Alarm Out	2-ch

General

Power Supply	12VDC/3.3A Power Consumption: ≤ 12 W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	380mm × 321mm × 53mm (15.0" × 12.6"× 2.1")
Weight (without HDD)	≤1.8Kg (3.97lb)

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