



8-Channel IP NVR - 8MP - 4K 80Mbps - 8x PoE - 2x SATA - 1U

SCD-NVR302S-8 - Specifications

Description

This 8 channel NVR is a network video recorder that can support up to 8MP IP cameras. It has 8 built in plug & play PoE ports to make set up simple and easy. With a space for two hard drives with capacity up to 6TB and can support Ultra 265/H.265/H.264 video format compression to put less stress on storage and bandwidth usage. A local monitor can be connected either through the HDMI or VGA ports.

Features

- Support Ultra 265/H.265/H.264 video formats
- 8-channel input
- Plug & Play with 8 independent PoE network interfaces
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support HDMI and VGA simultaneous output
- Up to 8 Megapixels resolution recording
- 2 SATA HDDs, up to 10TB for each HDD
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

Physical Characteristics

Dimensions	14.9" x 12.4" x 2.1" (380 x 315 x 53mm)
Operating Temperature	-10°C~+ 55°C (+14°F~+131°F),
Humidity	≤ 90% RH (non-condensing)
Power Supply	100 ~ 240 V AC
Power Consumption	≤ 10W(without hard disks)

Video and Audio Input

IP Video Input	8-channel
Two-Way Audio Input	1-channel, RCA

Snapshot

FTP/Schedule/Event Snapshot	4-ch snapshot, up to D1 resolution
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Hard Disk

SATA	2 SATA interfaces
Capacity	Up to 10TB for each disk





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Video and 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-channel, RCA
Audio Compression	G.711A, G.711U
Synchronous Playback	8-channel
Liveview Display	1/4/6/8/9
Corridor Mode Screen	3/4/5/7/9

Network

Incoming Bandwidth	80Mbps
Outgoing Bandwidth	64Mbps
Remote Users	128
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

Decoding

Decoding Format	Ultra 265/H.265/H.264
Liveview/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

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-channel



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General Alarm

Network Interface	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
Alarm In	4-channel
Alarm Out	1-channel
RS232, RS485	N/A

PoE

Interface	8 RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 130W in total
Supported Standard	IEEE 802.3af/at

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

Packaging Information

Package Contents	1 - NVR 2 - Hard Disk Data Cable 2 - Hard Disk Power Cable 1 - Power Cable 1 - Pair of Mounting Ears (with 4 screws) 1 - Mouse 8 - Screws 1 - User Manual Product Weight 5.73 lbs [2.6 kg]
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