

NEOS PRO-IN-10116

4 Channel NVR with 1 SATA Port

Main Feature:

- Compression: H.265
- Decoding: 4K
- Channels: 16 Channels
- Storage: 1 SATA Port(18TB)
- Throughput:360 Mbps
- Cascadling
- Camera Initiation
- Adaptive Recording
- Camera wise recording Retention
- Inbuilt DHCP Server
- Instant Calling From Mobile app



Technical Specifications:

VIDEO	
Input	016 IP Channels
Output	HDMI (2.0) – 1 Port (Main)
Compression	H.265/H.264/Motion JPEG
AUDIO	
Compression	G.711μ
THROUGHPUT	
Downlink Throughput	180 Mbps Following Scenarios are Considered: 1. Cameras Streaming to Device 2. Cameras of Cascaded Devices being Viewed on HDMI 3. Streaming from NAS for local/web client
Downlink Throughput	213 Mbps Following scenarios are considered: 1. Cameras Streaming to Device 2. Cameras of Cascaded Devices being Viewed on HDMI 3. Recording in Local HDDs, No NAS Connectivity
Uplink Throughput	180 Mbps Following scenarios are considered: 1. Cameras streaming to web client 2. Storage or backup to NAS 3. Streaming to VMS

Uplink Throughput	205 Mbps Following scenarios are considered: 1. Cameras Streaming to Web Client 2. NVR streaming to cascaded NVRs/VMS
Simultaneous Log-in	9+1(Admin)
DISPLAY	
Digital Zoom on Live	Yes
Snapshot	Yes (JPEG)
Multiple Camera Viewing	Through Cascading (up to 20 devices)
Simultaneous Log-in	Channel Number and Name, Status, Video Loss, Recording and Disabled Channel (As per camera support)
RECORDING	
Image Resolution	12MP, 8MP, 5MP, 3MP, 2MP, 1080P, 720P, D1, CIF
Pre-Record	Up to 30 Sec
Post-Record	10-300 Sec
Snapshot Format	JPEG
Recording Format	AVI, Native
Recording Types	Scheduled, Manual, Alarm and COSEC
STORAGE AND BANDWIDTH OPTIMIZATION	
Adaptive Recording	Automatically Reduces the Number of Frames Captured Per Second Where There is No Motion, Thereby Saving Storage Space.
Bandwidth Optimization	Automatically Adapts Optimized Resolution on Local Display through HDMI
PLAYBACK AND BACKUP	
Synchronous Playback	16 Channels @ 1080P (via HDMI)
Search Mode	Date and Time, Camera, Recording Type, Recording Drive
Playback Modes	Fast Forward, Slow Forward, Slow Reverse, Fast Reverse at Different Speed Control, Next-Previous Frame
Backup	Manual Backup over USB and NAS, Scheduled Backup over USB, NAS and FTP Scheduled Backup over USB through USB 2.0 interface Manual Backup over USB through USB 3.0 interface Quick Backup over USB, NAS and Local PC

Configuration Backup	Yes
Network Protocols	TCP/IP, IPv4, IPv6, DHCP, PPPOE, DDNS, Free Matrix DNS, FTP,SMTP, NTP, RTP/RTSP, CIFS/NFS, Network Acceleration, UDP
Maximum User	128
Remote Operation	Monitor, PTZ Control, Playback, System Setting, File Download, Log Information, Upgrade

EVENTS AND ACTION

Trigger Events	Motion Detection, View Tampering, Tripwire, Object Intrusion, Audio Exception, Missing Object, Suspicious Object, Loitering, Object Counting, Recording Start, Recording Fail, Camera Offline, Camera Online
System Events	Manual Trigger, On Boot Alarm, Storage Alert, Disk Volume Full, Disk Fault, Scheduled Backup Fail
Actions	Recording on Selected Channel, Upload Images on FTP/ Email server, Email Notification with Snapshot, TCP Notification, Recall PTZ Preset Position, Turn On/Off Alarm Outputs, Buzzer Notification, SMS Notification, Calling from Mobile App

STORAGE INTERFACE

SATA Interface	1 SATA III (18TB per port)
NAS	2 NAS (CIFS, NFS)
RAID	Single Disk
Recording / Backup Retention	Camera wise, HDD usage % wise, Day wise

CYBER SECURITY

Network Interface	1 Port x Ethernet (RJ-45) 10/100/1000Mbps
USB	2 Ports (1x USB 3.0, 1x USB2.0)
LED	System Status LED, Power LED
Reset Switch	Yes
Buzzer	Yes

SYSTEM INTERFACE

Processor	Quad-core 64-bit Cortex-A55 processor
RAM	2GB
Flash	4GB
OS	Embedded Linux
Control Mode	Mouse, Device Client and Mobile Client

CAMERA SUPPORT

Third Party Camera Support	Cameras with ONVIF 2.0 & above
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ENVIRONMENT CONDITION

Operating Temperature	0°C to +45°C (32°F to 113°F)
Humidity Range	5% to 95% RH Non-Condensing

ELECTRICAL AND MECHANICAL

Power Input	12V DC, 2A
Dimensions(LxBxH)	266 X 157 X 44 mm
Weight	490 g approx

CERTIFICATIONS

Certifications	BIS
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COMPLIANCES

NDAA Compliance	Yes
MTBF	Yes > 1,00,000 hours

Contact Us

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