

16CH 4K&H.265 1.5U Network Video Recorder

Key Features

- Support Up to 16 Channel IP Camera input
- H.265/H.264 codec decoding
- Max 200Mbps Incoming Bandwidth
- HDMI/VGA simultaneous video output
- Up to 8MP Resolution for preview & playback
- Support 4 SATA HDDs up to 6 TB Each, 2 USB Ports
- ONVIF 2.4, CGI Conformant
- Multiple network monitoring: Web viewer, CMS(PVMS) & Smart Phone (PMOB)



Technical Specifications

Model	PI-NL3416CK
System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Video& Audio	
IP Camera Input	16 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.265/H.264
Resolution	8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ 720P/ D1&etc.
Record Rate	200 Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD(Video detection: Motion Detection, Tampering, Video Loss), Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Tampering
Alarm Input	16 Channel, Low Level Effective, Green Terminal Interface
Relay Output	4 Channel, NO/NC Programmable, Green Terminal Interface
Playback & Backup	
Sync Playback	1/4/8/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network
Network	
Interface	2 RJ-45 ports
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search, ONVIF 2.4, CGI Conformant
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Storage	
Internal HDD	4SATA ports, up to 6TB Each
HDD Mode	Single
Auxiliary Interface	
USB	2 USB Ports (1 USB2.0, 1 USB3.0)
eSATA	N/A
Rs232	1 Port, for PC Communication and Keyboard
Rs485	1 Port, for PTZ Control

General	
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	<11.7W (Without HDD)
Working Environment	-10°C ~ +55°C/10%~90%RH
Dimension(W×D×H)	1.5U, 440mm×411.1mm×76mm
Weight	4.5 kg (without HDD)