PI-NL4864DK
Network Video Recorder

64CH 4K&H.265 2U Network Video Recorder

Key Features

- Support Up to 64 Channel IP Camera input
- H.265/H.264/MJPEG codec decoding
- Max 384Mbps Incoming Bandwidth
- 2 HDMI/1 VGA simultaneous video output
- Up to 12MP Resolution for preview & playback
- Support 8 SATA HDDs up to 8 TB Each, 4 USB Ports
- Support RAID 0/1/5/6/10
- ONVIF 2.4, CGI Conformant
- Multiple network monitoring: Web viewer, CMS(PVMS) & Smart Phone (PMSB)

Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>PI-NL4864DK</th>
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<tbody>
<tr>
<td>System</td>
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<tr>
<td>Main Processor</td>
<td>Intel Quad-core Processor</td>
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<tr>
<td>Operating System</td>
<td>Embedded LINUX</td>
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</tbody>
</table>

Video & Audio

- IP Camera Input: 64 Channel
- Two-way Talk: 1 Channel Input, 1 Channel Output, RCA
- Interface: 2 HDMI (up to 3840x2160, Different Source), 1 VGA
- Resolution: 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
- OSD: Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording

- Compression: H.265/H.264/MJPEG
- Resolution: 12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P/720P/ D1&etc.
- Record Rate: 384 Mbps
- Bit Rate: 16Kbps ~ 20Mbps Per Channel
- Record Mode: Manual, Schedule (Regular, MD (Motion Detection), Alarm, I/S), Holiday, 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 Out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
- Video Detection: Motion Detection, MD Zones: 396(22×18), Video Loss and Tampering
- Alarm Input: 16 Channel, Low Level Effective, Green Terminal Interface
- Relay Output: 8 Channel, NO/NC Programmable, Green Terminal Interface

Playback & Backup

- Sync Playback: 128 Mbps in Raid 5 Mode, 64 Mbps in single HDD Mode
- Search Mode: Time/Date, Alarm, MD & Exact search (accurate to second)
- Playback Function: Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera
- Backup Mode: USB Device/Network/SATA Device

Network

- Interface: 2 RJ-45 ports (10/100/1000Mbps), 2 Ethernet Ports Joint Working or 2 Independent 1000Mbps Ethernet Ports

Storage

- Internal HDD: 8 SATA III ports, up to 8TB Each
- HDD Mode: Single, Raid 0/1/5/6/10

Auxiliary Interface

- USB: 4 USB Ports (2 USB 2.0, 2 USB 3.0)
- eSATA: 1 eSATA port
- Rs232: 1 Port, for PTZ Communication and Keyboard
- Rs485: 1 Port, for PTZ Control

General

- Power Supply: AC100V ~ 240V, 50 ~ 60 Hz
- Power Consumption: <20W (Without HDD)
- Working Environment: -10°C ~ +55°C/10% ~ 90% RH
- Dimension (W×D×H): 2U, 444mm x 457.08mm x 95mm
- Weight: 9kg (without HDD)