Network Disk Recorder with expandable capacity for digital image data from up to 32 Network Cameras

Key Features

- H.264, MPEG-4 and JPEG multi format
- Up to 32 network cameras can be connected and recorded.
- Various Recording Modes: Manual, Schedule, Event (Pre/Post), Emergency, External Timer
- Various alarm sources include 16x Terminal inputs, 16x Camera alarms, Panasonic Alarm Protocol. Flexible alarm actions include Alarm recording, E-mail notification, Alarm message, Camera positioning, FTP image transfer, Terminal output, Panasonic alarm protocol output, Buzzer and Indicator.
- Panasonic Camera Control: Pan/Tilt, Zoom, Focus, Brightness, Preset Position, Auto mode (depending on camera model).
- Cameras may be assigned to one of the 8 groups to meet application requirements.
- Flexible Playback Controls: A-B Repeat, Goto Date (Jump to specific time/date), Goto Last (Jump to 5 sec. – 5 min. before the record end).
- Various Display Modes: Spot, Quad (8 patterns), Spot Sequence, Quad Sequence.
- 8 Quad screens are fully programmable. Any of the 32 cameras can be assigned to any area of the Quad screens.
- Filtered Search: Time & Date, Event Type, Camera number, Text
- Recorded images can be downloaded to a PC.
- Downloadable viewer software allows playback of images downloaded from the Recorder.
- 2 setup modes available, Quick/Advanced at users’ preference.
- 2 built-in network interfaces (10Base-T/100Base-TX) for camera access and client access. Operation by one port is also possible.
- Quick IP Setup for Panasonic i-Pro series network cameras
- Bandwidth control: 32 k / 64 k / 128 k / 256 k / 512 k / 1,024 k / 2 M / 5 M / 10 M (bps) and unlimited
- Up to 8 clients can monitor images and control WJ-ND300A simultaneously.
- Image transfer to FTP server: Recorded image upon alarm and/or live image periodically
- Performance measurement function for appropriate recording frame rate setup

- Images recorded on the SD memory card in the i-Pro series cameras can be downloaded to the recorder manually. In addition, recordings upon network failure can be transferred automatically when the recorder is in non-recording status.
- Alarm notification by e-mail.
- User/Host authentication, 4 user levels and User-Camera View/Control partitioning set up for sophisticated user management of up to 32 user registrations.
- Multi-recorder, Multi-site system can be made with optional WV-ASM100 i-Pro Management Software.
- Front panel LCD screen for status display
- HDD capacity is expandable with 4 HDD slots in the main unit and up to 6 WJ-HDE300 optional Extension Units each with 4 HDD slots.
- Disk partitioning for flexible record management: Normal, Event, Copy
- HDD Safety Mode to protect HDDs during the installation of WJ-ND300A
- RAID5 capability with optional WJ-NDB301 RAID5 Board

Standard Accessories

- CD-ROM*: 1 pc.
- Installation Guide: 1 pc.
- Power Cord (NTSC model): 1 pc.
- Power Cord (PAL model): 2 pcs.
- Rack Mount Bracket Fixing Screw: 4 pcs.
- Hard Disk Drive Fixing Screw: 12 pcs.
- Rack Mount Bracket: 2 pcs.

Optional Accessories

RAID5 Board
WJ-NDB301

- RAID5 Board
- Extension Unit WJ-HDE300
- Power Source: 120 V AC, 60 Hz (NTSC)
- Dimensions: 420 mm (W) x 88 mm (H) x 350 mm (D) (excluding rubber feet and projections)
- Weight: 7.2 kg (16 lbs.) (When no HDD exist)
Specifications

**TV System**
- NTSC
- PAL

**TV System**
- **Supported Cameras**
  - Panasonic i-Pro series Network cameras (Contact Panasonic for BB series and Axis® cameras)
- **Supported Image Resolution**
  - 1280 x 720, 720 x 480, 384 x 240 (Depending on the camera)
- **Network Interface**
  - 2x 48 mm x 60 mm (201/8") x 3-7/16" (9 x 13-1/32") (excluding rubber feet and projections)
  - 8.3 kg (18.3 lbs.)

**Browser GUI**
- **Search Mode**
  - Search, Time date, Event type, Camera number, Text ON/OFF
- **Search Mode**
  - Text searched can be 4 to 8 characters wide.
- **System Log**
  - Operator access (100), Network access (1,000), Error (100), Event (750)
- **Time Zone**
  - User definable (using menu setup)

**GUI System Setup Language**
- English, French, Italian, Spanish, German, Russian, Chinese, Japanese

**Supported Combination**
- Windows® XP Professional Service Pack 2, Windows® Vista® 32 bit SP1 & Windows® 7, Windows® 8, Windows® 10

**External Storages Serial Connector**
- Total 9 Mbps

**Maximum Band Width**
- 10 Mbps

**Network Interface**
- Total 9 Mbps

**External Interface**
- **Alarm Connector**
  - Alarm input 1 – 16
  - Alarm output 1 – 3

**HDD**
- **Type**
  - 3.5 inch 250 GB HDD (Factory default)
  - Up to 4x 2 TB HDDs can be installed.
- **HDD Capacity**
  - 8 TB (up to 4x 2 TB HDDs installed in each unit)

**Power Switch**
- On/Off

**Profile**
- Normal/Event/Weekly

**Additional Functions**
- Panasonic i-Pro series Network cameras (Contact Panasonic for BB series and Axis® cameras)

**Additional Functions**
- Alarm I/O, Alarm control, External timer recording, Event recording

**Alarm Control**
- Reset, Suspend

**Alarm Event**
- 16 terminal inputs, 16 camera alarms, Panasonic Alarm Protocol

**Event Mode**
- Event triggered activity (Typical: Processor Interruptions, Terminal inputs, Panasonic alarm protocol output, Busurd, Indicators)

**Maintenance Port**
- User access (100), Network access (1,000), Error (100), Event (750)

**User Level**
- User, Administrator (Password)

**User Login**
- User, Administrator (Password)

**Security Method**
- User authentication (Password)

**Camera Grouping**
- 8 groups each with 16 characters title

**Video Recording**
- 2x 48 mm x 60 mm (201/8") x 3-7/16" (9 x 13-1/32") (excluding rubber feet and projections)
- 8.3 kg (18.3 lbs.)

**Front View**
- **Operating Indicator**
- **Alarm Suspension Indicator**
- **Camera Indicator**
- **Power Switch**
- **Alarm Control Connector**

**Rear View**
- **External Storage Connector**
- **Camera Port**
- **Serial Connector (for maintenance purpose)**
- **Power Cord Inlet**

**Part Names and Functions**

**Appearance**

- All TV pictures are simulated.
- Weights and dimensions are approximate.
- Specifications are subject to change without notice.
- These products may be subject to export control regulations.
- All product pictures are NTSC models.

**DISTRIBUTED BY:**

http://panasonic.net/security/  
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