



Video Decoder built-in 16ch Network Disk Recorder with Face Matching capability

Key Features

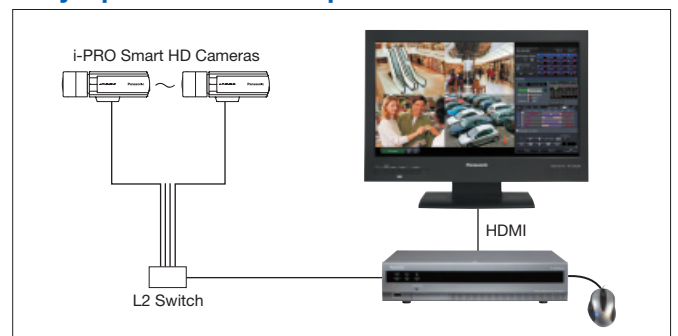
- H.264, MPEG-4 and JPEG multi format
- Up to 16 network cameras can be connected and recorded.
- Quick setup by automatic camera detection and simple setup wizard without the use of PC
- "Referenced recording days" is automatically calculated by frame rate, image quality and HDD capacity.
- Simple mouse operation by new GUI without the use of PC
- Quick intuitive search with calendar and timeline
- Live images from up to 16 cameras can be displayed simultaneously.
- Supports the Full HD output (HDMI) that can display recorded images and live images in high definition
- ECO-friendly automatic back light control of the wide LCD monitors, WV-LW1900/WV-LW2200 (Saves power consumption to 30 % ~ 60 % during normal use)
- Real Time Face Matching function by matching registered face images with a face displayed on live images
- * Only channel 1 * Cameras supporting face detection function is required. (WV-NP502, WV-SP305, or WV-SP306 is recommended.)
- Face matching alarm is notified by Buzzer / E-mail / Panasonic alarm / Terminal output / Indicator.
- Various alarm sources include 9x Terminal inputs, 16x Camera alarm, Panasonic Alarm Protocol. Flexible alarm actions include Alarm recording, E-mail notification, Alarm message, Camera positioning, Terminal output, Panasonic alarm protocol output, Buzzer and Indicator.
- Camera Control: Pan/Tilt, Zoom, Focus, Brightness, Preset Position, Auto mode (depending on camera model)
- Audio from the i-PRO network cameras can be recorded and played back, G.726 (ADPCM) 32 kbps.
- Flexible Playback Controls: Goto Date (Jump to specific time/date), Goto Last (Jump to 30 s before the record end)
- Various Display Modes: Spot, Multiscreen (4 / 16 split screen display, 3 / 6 / 9 / 16 split screen display on a full screen)
- Various Recording Modes: Schedule, Event (Pre/Post)
- Filtered Search: Time & Date, Event Type, Camera number, Timeline

- Recorded images can be downloaded to a PC.
- Downloadable viewer software allows playback of images downloaded from the Recorder.
- Built-in network interface (10Base-T / 100Base-TX / 1000Base-T) for recording and client access
- Up to 2 clients can monitor image and control WJ-NV200 simultaneously.
- Up to 2 HDDs can be installed. (8.89 cm (3.5 inch) Serial ATA HDD)
- User authentication, 3 user levels and User level - Camera partitioning setup for user management of up to 16 user registrations
- Multi-recorder, Multi-site system can be made with optional WV-ASM100 i-PRO Management Software.
- Onvif compliant model

Standard Accessories

- | | | | |
|-------------------------------|-------|-------------------------------------|--------|
| • CD-ROM* | 1 pc. | The following are for installation: | |
| • Mouse | 1 pc. | • Power Cord (NTSC model)..... | 1 pc. |
| • Installation Guide | 1 pc. | • Power Cord (PAL model)..... | 2 pcs. |
| • Quick Reference Guide | 1 pc. | • HDD Fixing Screw..... | 8 pcs. |
- * The CD-ROM contains the operating instructions (PDFs).

Easy Operation and Setup without PC



Specifications

| TV System | NTSC | PAL |
|-----------------------------------|---|-----|
| Supported Cameras | Panasonic i-PRO series Network cameras (Contact Panasonic for Axis® cameras) | |
| Supported Image Format | H.264, MPEG-4, MJPEG | |
| Supported Image Resolution | SXVGA (1,280 x 960), VGA (640 x 480), QVGA (320 x 240) (Depending on the camera) | |
| Supported Audio Format | G.726 (ADPCM) 32 kbps | |
| Maximum Number of Cameras | 16 | |
| Recording | Recording Mode Event, Schedule Pre-alarm Recording Up to 15 seconds Scheduled Recording Mode 2 programs, 3 time zones/day, Independent setup for each day of the week Frame Rate/Camera Up to 30 fps (Depending on the Camera) | |
| Main Unit Functions | Camera Control Pan/Tilt, Zoom, Focus, Brightness, Preset position call and program (up to 256), Auto mode, Click centering, Wheel zoom, Zoom reset, Auto Back Focus Multiscreen Mode 4 / 16 split screen display, 3 / 6 / 9 / 16 split screen display on a full screen Playback Control PLAY, Rev PLAY, Pause, Stop, FF, FR, Prev Record, Next Record, Prev Image, Next Image, Goto Date, Goto Last (30 s) Search Mode Search criteria: Time date, Playback by designating a timeline, VMD Copy Recorded data of selected cameras and time date range can be copied to the SD (SDHC) card. Camera Title Up to 14 characters Clock Display Time: 12H/24H, Date: 5 formats Digital Zoom Live: 2x, 4x, 8x (only for 1-screen or 4-screen) Play: 2x, 4x, 8x System Log Operator access (100), Network error (100), Error (1,000), Event (750) System Setup Setup page in English, French, Italian, Spanish, German, Russian, Japanese | |
| Browser GUI | Camera Control Pan/Tilt, Zoom, Focus, Brightness, Preset position call and program (up to 256), Auto mode, Click centering, Wheel zoom, Zoom reset Playback Control REC, PLAY, Rev PLAY, Pause, Stop, FF, FR, Prev Record, Next Record, Prev Image, Next Image, Goto Date, Goto Last (30 s) Search Mode Search criteria: Time date, Event type, VMD, Camera number Display Mode 1 / 4 screen Image Download Recorded data of selected camera and time range can be downloaded to a PC. Viewer software can be downloaded separately. Copy Recorded data of selected cameras and time date range can be copied to the SD (SDHC) card. Camera Title Up to 14 characters Clock Display On the browser. Time: 12H/24H, Date: 5 formats Digital Zoom Live/Play: 2x, 4x (only for 1-screen) System Log Operator access (100), Network error (100), Error (1,000), Event (750) GUI Language English, French, Italian, Spanish, German, Russian, Japanese Supported OS and Browser Combination Microsoft® Windows® 7 Professional 64 bit/32 bit & Windows® Internet Explorer® 8.0, Microsoft® Windows Vista® Business SP1 32 bit & Windows® Internet Explorer® 7.0 The language of OS must be the same as selected GUI language. Required PC MJPEG/MPEG-4/H.264 CPU: Intel® Core™ 2 Duo 2.66 GHz or faster, RAM: 1 GB or more, VRAM: 128 MB or more (Min. 64 MB), Microsoft® DirectX® 9.0c or later CPU: Intel® Core™ i7-920 or faster, RAM: 3 GB or more, VRAM: 128 MB or more (Min. 64 MB), Microsoft® DirectX® 9.0c or later | |
| Alarm/Event | Alarm Source 9x Terminal inputs, 16x Camera alarms, Panasonic Alarm Protocol Face Matching Off / On Event Mode Off / On Alarm Action Alarm recording, e-mail notification, Alarm message, Camera positioning, Terminal output, Panasonic alarm protocol output, Buzzer, Indicator Alarm Control Reset Event Log 750 | |
| Input / Output | Spot Output Connector 1x 1 V [p-p] / 75 Ω (BNC) Monitor (HDMI) Connector 1x HDMI Audio Output Connector 1x -10 dBv, 600 Ω, Unbalanced (RCA) Alarm/Control Connector (25pin D-sub) Alarm input 1 - 9 ¹ , Alarm output ² , Alarm reset input ¹ , Face matching output ² , Control Time adjustment input ¹ , +5 V output ³ , Error/Warning Network error output ² , HDD error output ² , Camera error output ² , Recorder error output ² , Recording error output ² Mouse Connection Port 1x Network Port 1x 10BASE-T / 100BASE-TX / 1000BASE-T (RJ-45) SDHC/SD Memory Card Slot SDHC/SD memory cards applicable (miniSD cards and microSD cards not applicable) | |
| Network | Maximum Bandwidth Total 80 Mbps or less Supported Protocol TCP/IP, UDP/IP, HTTP, FTP, SMTP, DNS, NTP, SNMP, RTP E-mail Upon Alarm or Warning No. of Simultaneous Users 2 or less User Registration Up to 16 users User Level 3 Levels (Programmable) Partitioning User level - Camera (View & Control, No Access) Security Method User authentication (ID and Password), Alteration detection | |
| Other Functions | Time Synchronization Terminal (Slave), NTP (Server/Client) Summer Time User definable (using menu setup) | |
| HDD | Type 8.89 cm (3.5 inch) Serial ATA HDD, Up to 2x HDDs can be installed. | |
| Viewer Software | Playback Control Play, Rev Play, Pause, FF, FR, Prev Record, Next Record, Prev Image, Next Image Additional Functions Alteration detection, Save as JPEG, Two times zoom, Print, Copy Supported OS, Language Same as browser GUI, Language of the software will be English | |
| General Specifications | Safety/EMC Standard UL (UL60065), FCC (Part15 ClassA), CE (EN60065, EN55022 ClassB, EN55024), C-UL (CAN/CSA C22.2 No.60065), DOC (ICES003 ClassA), GOST (GOST R 51558) Power Source 120 V AC, 60 Hz / 220 - 240 V AC, 50 Hz/60 Hz Power Consumption approx. 45 W | |

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Important

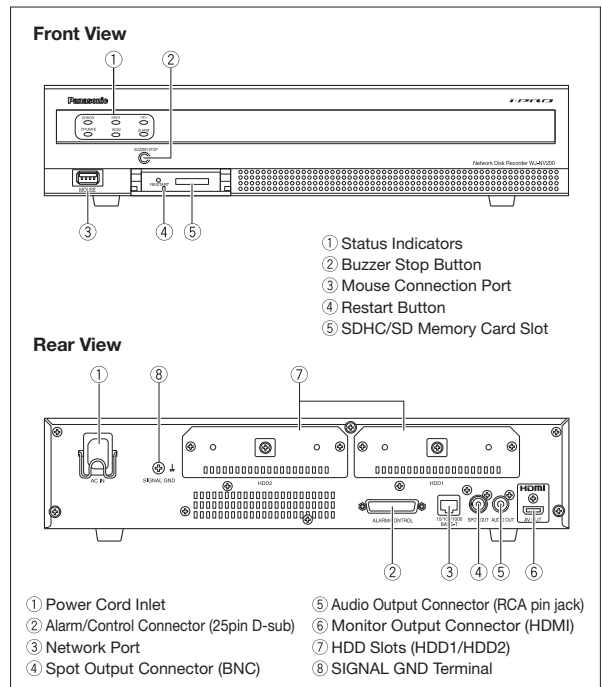
- Safety Precaution: carefully read the operating instructions and installation manual before using this product.
- Panasonic can not be responsible for network performance and/or other manufacturer products that reside on the network.

| TV System | NTSC | PAL |
|-------------------------------|--|-----|
| General Specifications | Ambient Operating Temperature Main body: +5 °C ~ +45 °C (41 °F ~ 113 °F) Mouse (provided): +5 °C ~ +40 °C (41 °F ~ 104 °F) Ambient Operating Humidity 5 % ~ 90 % (without condensation) Maximum Operating Altitude 2,000 m (6,562 feet) above sea level Dimensions 420 mm (W) x 88 mm (H) x 300 mm (D) (16-17/32" (W) x 3-15/32" (H) x 11-13/16" (D)) (excluding rubber feet and projections) Mass (approx.) 4.8 kg (10.6 lbs.) without HDD 5.6 kg (12.36 lbs.) with 1 HDD 6.4 kg (14.13 lbs.) with 2 HDDs | |

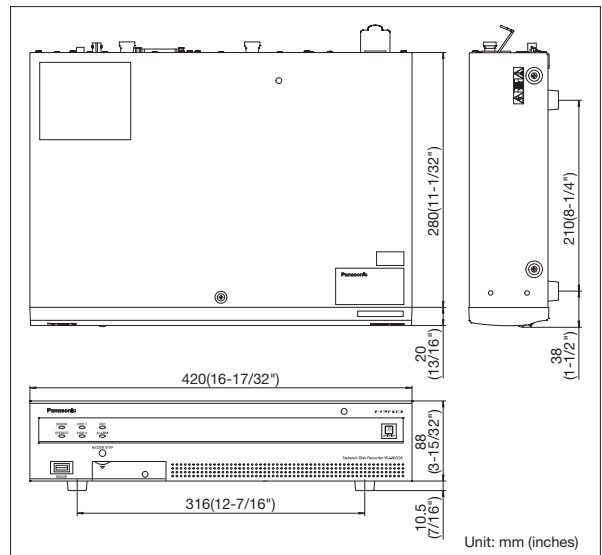
*1: Non-voltage make contact input, 50 kΩ +5 V DC pull-up

*2: Open collector output, 24 V DC, 100 mA max. *3: 200 mA max.

Part Names and Functions



Appearance



- All TV pictures are simulated.
- Masses 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.

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