Panasonic

NETWORK DISK RECORDER - WJ-NV200

VIDEO DECODER BUILT-IN 9CH / 16CH / 24CH NETWORK DISK RECORDER

Key Features

- H.264, MPEG-4 and JPEG multi format
- Up to 9 network cameras can be connected and recorded (WJ-NV200CH9)
- Up to 16 network cameras can be connected and recorded (WJ-NV200CH16)
- Up to 24 network cameras can be connected and recorded (WJ-NV200CH24)
- 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 9 cameras can be displayed simultaneously (WJ-NV200CH9)
- Live images from up to 16 cameras can be displayed simultaneously (WJ-NV200CH16)
- Live images from up to 24 cameras can be displayed simultaneously (WJ-NV200CH24)
- Supports the Full HD output (HDMI) that can display recorded images and live images in high definition
- Real Time Face Matching function by matching registered face images with a face displayed on live images (additional WJ-NVF20 software is needed)

* Only channel 1

* Cameras supporting face detection function is required (WV-NP502, WV-SP305, or WV-SP306 is recommended)

- 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 (4/9/16*/24** split screen display, 3/4/6/9/12*/16*/24** split screen display on a full screen)

* Only available with the WJ-NV200CH16 and WJ-NV200CH24

** Only available with the WJ-NV200CH24

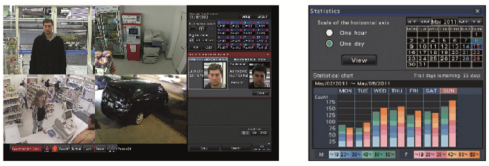
- Various Recording Modes: Schedule, Event (Pre/Post)
- Filtered Search: Time & Date, Event Type, Camera number, Timeline
- Recorded images can be downloaded to a PC
- Downloadable viewer software allows playback of images downloaded from the Recorder
- Built-in network interface (10Base-T / 100Base-TX / 1000Base-T) for recording and client access
- Up to 4 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-ASM200 i-PRO Management Software
- Onvif NVC (Network Video Client), core spec Ver.1.02 conformant

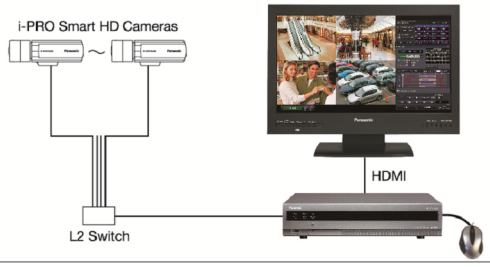
Standard Accessories

CD-Rom . . . . . 1 piece	The following is for installation:
Mouse . . . . . 1 piece	Power Cord . . . . . 2 pieces
Installation Guide . . . . . 1 piece	HDD Fixing Screw . . . . . 8 pieces
Quick Reference Guide . . . . . 1 piece	*The CD-Rom contains the operating instructions (PDF's)

Additional Kit & Easy Installation

Additional Business Intelligence Kit
WJ-NVF20





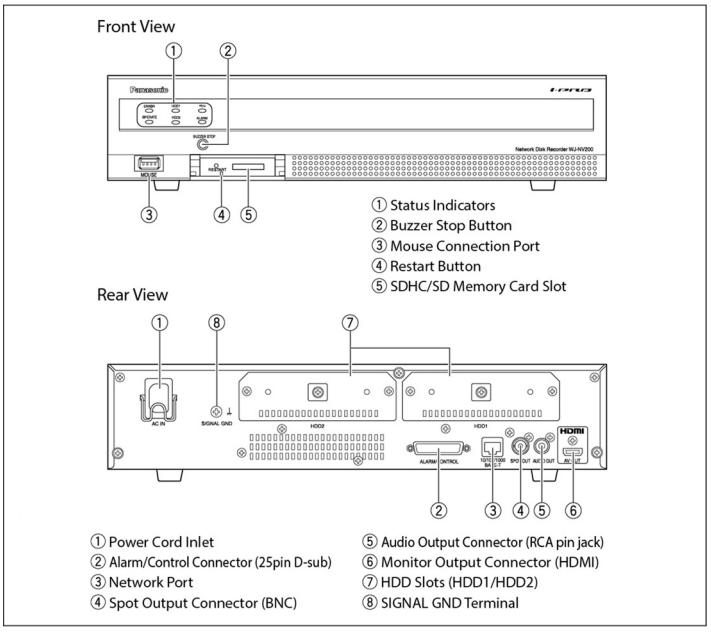
Specifications

TV System			PAL
Suported Cameras	Supported Cameras		Panasonic i-PRO series Network cameras Onvif NVT comformant camera and encoder camera
	Supported Image format		H.264, MPEG-4, MJPEG
	Supported Image Resolution		Aspect ratio (4:3) : SXVGA (1,280 x 960), SVGA (800 x 600), VGA (640 x 480), QVGA (320 x 240) Aspect ratio (16:9):1,920 x 1,080, 1,280 x 720, 640 x 360, 320 x 180) * Depending on the camera
	Supported Audio Format		G.726 (ADPCM) 32 kbps
	Maximum Number of Cameras		9, 16 and 24
Recording	Recording Mode		Event, Schedule
	Pre-alarm Recording		Up to 15 seconds (Up to 10 seconds at 1,920 x 1080 resolution)
	Scheduled Recording Mode		2 programs, 3 time zones/day, Independent setup for each day of the week
	Frame Rate/Camera		Up to 30 ips (Depending on the Camera)
Main Unit Functions	Camera Control		Pan/Tilt, Zoom, Focus, Brightness, Preset position call and program (up to 256), Functions Auto mode, Click centering, Wheel zoom, Zoom reset, Auto Back Focus
	Multiscreen Mode *4		4/9/16/24 split screen display, 3/4/6/9/12/16/24 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, Event type, VMD, Camera number
	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), GUI 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® 8 Professional 64 bit/32 bit & Windows® Internet Explorer® 10.0, 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	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
		H.264	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
	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, 600Ω, Unbalanced (RCA)
	Alarm / Control Connector (25 pin D-sub)	Alarm	Alarm input 1 ~ 9*1, Alarm output*2, Alarm reset input*1
		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		4 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		CE (EN60065, EN55022 ClassB, Specifications EN55024), GOST (GOST R 51558)
	Power Source		220 ~ 240 V AC, 50 Hz/60 Hz

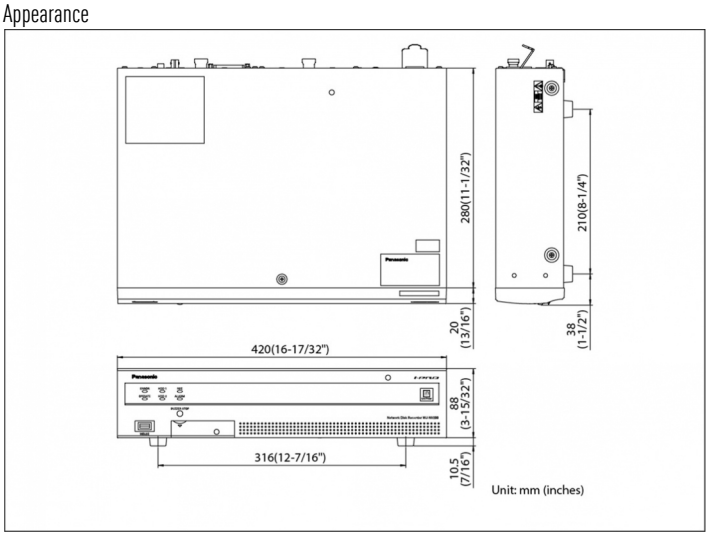
TV System		PAL
General Specifications	Ambient Operating Temperature	Main body: +5 °C ~ +45 °C (41 °F ~ 113 °F) Mouse (provided): +5 °C ~ +40 °C (41 °F ~ 104 °F)
	Ambient Operating Humidity	5 % ~ 90 % (without condensation)
	Maximum Operating Altitude	2,000 m (6,562 feet) above sea level
	Dimensions	420 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)

*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.
*4 Multiscreen mode :
12 and 16 split screen only on WJ-NV200CH16 and WJ-NV200CH24
24 split screen only on WJ-NV200CH24
Maximum Number of Cameras is depending on the WJ-NV200 model
9 for the WJ-NV200CH9
16 for the WJ-NV200CH16
24 for the WJ-NV200CH24

Part Names and Functions



Appearance



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