



Panasonic Realises the New Generation Digital Disk Recorder.

Consolidated in one unit, the WJ-HD88 offers high-definition, excellent scalability and other basic performances desired in a monitoring digital disk recorder. One of the major strengths of this product is the system's stability. The overall merit of the system lies in its stability and assures the user of both security and safety. In addition, by combining a line-up of Panasonic's high-performance equipment, even further improvement in performance can be realised. With Panasonic you can be sure of a total solution.

KEY FEATURES

High-definition & Long Recording requirement

- 8 channel real time image/sound recordings at a rate of 25 images per second.
- 25 images per second full-rate live displays possible.
- Maximum 250GB x 8 hard disk drives can be installed in the WJ-HD88 to build a 2TB large-capacity recording system.

Recording chart

Recording rate	Image quality	Hard disk capacity							
		250GB	500GB	750GB	1000GB	1250GB	1500GB	1750GB	2000GB
25 images per second	5(Super Fine)	8	16	24	32	40	48	56	64
	4(Fine)	10	20	30	40	50	60	70	80
	3(Good)	14	28	42	56	70	84	98	112
	2(Nomal)	19	38	57	76	95	114	133	152
	1(Extended)	58	115	174	232	290	348	406	464

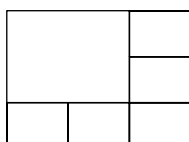
※When recording 10 hrs. in one day ※Without sound recording ※Number of channels: 8
 ※The actual number of days may differ depending on the materials recorded.

Excellent Scalability

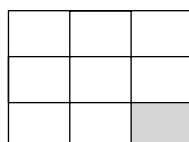
- Eight(8) images can be displayed sequence and multi-screen functions, or split-screen displays.(4,6,9 views)



4-window



6-window



9-window

- With network software as standard, it will enable integrated/dispersed monitoring of images taken from multiple points.
- With the optional System Controller WV-CU650, you can build a system using several WJ-HD88's without even using the network.



※Network Software Screen

System Stability

- By installing high-power, low-noise fans for hard disk drive unit, heat management inside the WJ-HD88 is fully enforced.

ADVANCED FEATURES

User-friendly Panel Layout

- Panasonic dome-type camera PTZ/Focus/Iris can be controlled by operating the arrow key on the front panel.

Capable of Running All 4 Operations Simultaneously

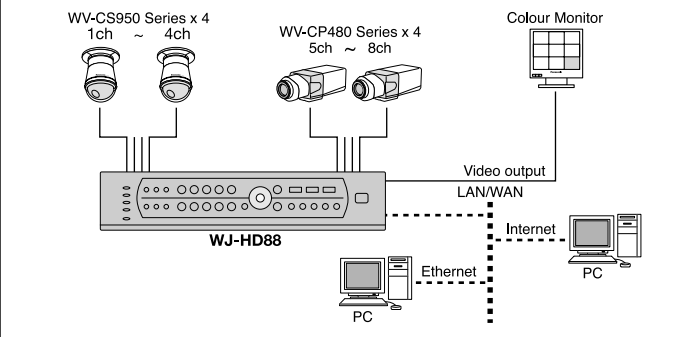
- When requests from clients for recording, search, replay and live monitoring are received at the same time, all four operations can be conducted simultaneously (without affecting the performance).

Perfect Synchronisation of Image and Sound

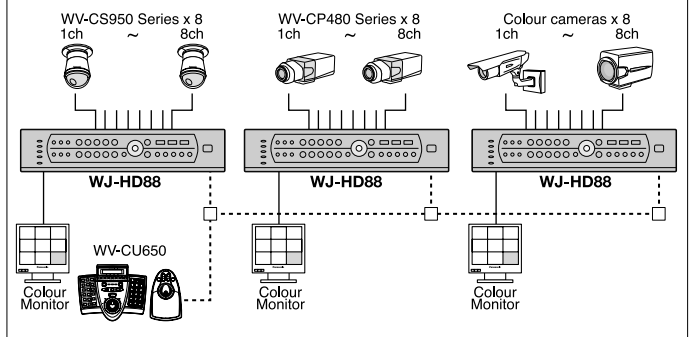
※In the case of images via network, at times there is a time lag.

SYSTEM EXAMPLES

Basic system configurations

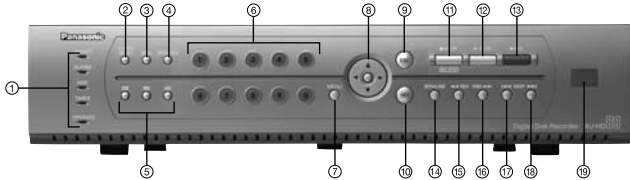


System connected with several WJ-HD88 units



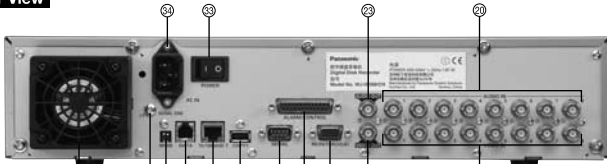
MAJOR OPERATING CONTROLS

Front View



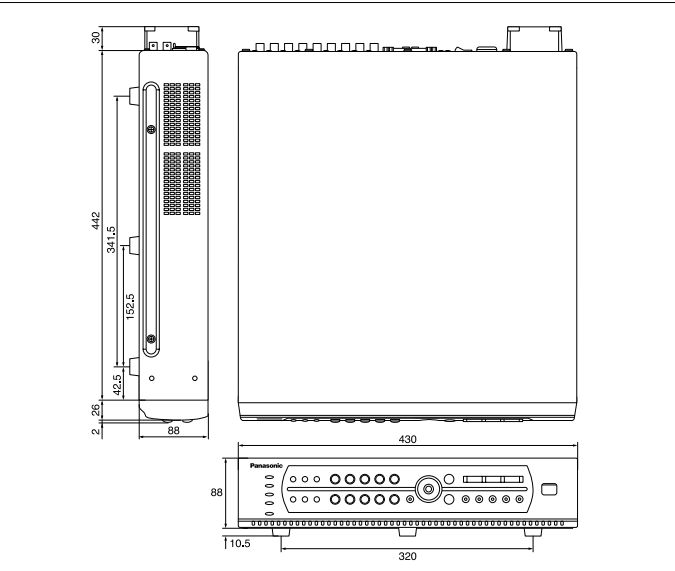
- ① Status (LED) ERROR/ALARM/HDD/TIMER/OPERATE
- ② ALARM RESET Button
- ③ STILL Button
- ④ SEQUENCE Button
- ⑤ Multi-SCREEN Button (4/6/9)
- ⑥ Camera Select Button
- ⑦ MENU Button
- ⑧ Arrow Buttons, PTZ/Focus/Iris Buttons
- ⑨ ESC Button
- ⑩ SET Button
- ⑪ STOP Button (REC STOP Button)
- ⑫ PLAY Button
- ⑬ REC Button
- ⑭ PAUSE Button
- ⑮ REV ◀ Button
- ⑯ FWD ▶ Button
- ⑰ SKIP ◀▶ Button
- ⑱ COPY2 Connector

Rear View



- ⑳ AUDIO IN Connectors
- ㉑ VIDEO IN Connectors
- ㉒ VIDEO OUT Connector
- ㉓ AUDIO OUT Connector
- ㉔ MONITOR (VGA) Connector
- ㉕ SERIAL Connector
- ㉖ ALARM/CONTROL Connector
- ㉗ COPY1 Connector
- ㉘ 10Base-T/100 Base-TX Network Port
- ㉙ DATA Connector
- ㉚ MODE Switch
- ㉛ Signal Ground Terminal
- ㉜ Fan Unit
- ㉝ POWER Switch
- ㉞ AC Inlet

APPEARANCE



SPECIFICATIONS PAL TENTATIVE

General	
Power Source	220V - 240V AC, 50Hz
Power Consumption	Less than 40W (excluding HDD)
Ambient Operating Temperature	+5°C - +45°C
Ambient Operating Humidity	Less than 85%
Dimensions	430(W) x 88(H) x 470(D)(mm)
Weight	10.2kg (excluding HDD)
Input/Output	
Video	Video Input Connectors 1V[p-p] / 75Ω PAL Composite video signal (BNC) x 8 (1 to 8 CH) Video Output Connector 1V[p-p] / 75Ω PAL Composite video signal (BNC) x 1 RGB output x 1 (15-pin D-sub)
Audio	Audio Input Connectors -10dB, 22KΩ (BNC) x 8 Audio Output Connector -10dB, 22KΩ (BNC) x 1
Alarm	Alarm Input 1 to 8 CH (25-pin D-sub) Alarm Output 1 to 3 CH (25-pin D-sub)
Ethernet interface	10 Base-T / 100 Base-TX Ethernet interface (RJ-45) x 1
Remote Control Interface	RS485 x 1 (25-pin D-sub), supporting the Panasonic WV-CS950/WV-CW860A
DATA Ports	RS-485, x 1 (RJ-11), supporting the system controller of Panasonic WV-CU650 series
DATA Backup Interface	2 channels high speed serial interface (front x 1, back x 1)
Other	
Function	Video Compression Mode MPEG4 [CBR/VBR] Audio Compression Mode ADPCM / G.723 Display Quality (Compression Level) Level 5 (independent selection for each channel) Image Resolution Video playback 352 x 288 (CIF) Image Display 1, multi-screen displays (4,6,9 views) Video Recording Speed Full (frame/sec) Full; 25, 1/2 Full; 12.5, 1/4 Full; 6.25, 1/8 Full; 3.125, 1/16 Full; 1, 1/625 Recording Mode Manual / Alarm / Timer / VMD / Power ON REC mode Video Motion Detection 140 detection areas may be set independently for each channel/ detection sensitivity of 100 grade (adjustable)

OPTIONAL COMPONENTS

Cameras Super Dynamic II Colour Surveillance Cameras WV-CS950 Series 	Super Dynamic II Colour Surveillance Cameras WV-CP480 Series 	Compact Colour Surveillance Camera WV-CZ352 
Weather Proof Colour Cameras WV-CW370 Series 	Vandal Proof Network Colour Dome Cameras WV-NW470S Series 	System Controllers System Controller WV-CU650 
Colour Monitors 43.2cm (17") LCD AV Monitor WV-LC1710 	Colour AV Monitor • WV-CM2080 (55cm CRT) • WV-CM1780 (45cm CRT) • WV-CM1480 (40cm CRT) PS•Data 	

Important – Safety Precaution: carefully read the operating instructions and installation manual before using this product.

• Pictures are simulated. • Weights and dimensions are approximate. • Specifications are subject to change without notice. • These products may be subject to export control regulations.

DISTRIBUTED BY:

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