



Equipped with a 40GB hard disk drive, this digital surveillance recorder combines high image quality with outstanding cost performance.

Panasonic proudly introduces the WJ-HD100 surveillance hard disk recorder equipped with a 40GB disk drive for image storage.

The WJ-HD100 takes surveillance systems to a new level. The benefits that come with a hard disk drive include, ultra-fast retrieval, high durability, and elimination of image degradation due to repeated recording and reproduction. And with no need to change or file cassettes.

Additional features include motion detection, time & date display, remote control from a PC, and alarm-driven image capture.

The *CompactFlash card slot makes it easy to transfer images to other digital devices.

All these features are combined into a single, compact unit. A digital surveillance recorder whose cost performance is extraordinary.



Key Features

- High quality picture by DIGITAL recording.
- Built-in 40GB HDD.
- Max. 960 hours (approx.) recording capability.
- Four(4) way compression modes (Super Fine / Fine / Normal / Extended) and manual settings.
- Built-in *CF (CompactFlash) Card slot for browsing the recorded pictures to PC.
- Built-in Motion Detector function.
- Built-in Time & Date generator.
- Easy access Time/Date & Alarm search function for speedy checking.
- Up to 16 units WJ-HD100 as series connection for extended length recording.
- Remote control by PC with RS232C devices, and RS485 chain by PS-Data link.
- Various alarm mode setting.
- Easy installation and operation.
- 1H (height) compact design.

*Trademarks : SanDisk and CompactFlash are trademarks of SanDisk Corporation.

Time-Lapse Mode Recording Time

704H x 288V, PAL Colour Signal, Audio Signal ; Off

	Extended (5)	REC MODE (H) FPS	FPS (Field Per Second)											
			24	48	72	96	120	170	180	240	480	960		
M O D E	Normal (7)	REC MODE (H)	18	24	48	72	96	120	170	180	240	480	960	
		FPS	12.5	8.3	5.0	3.5	2.7	2.2	1.5	1.4	1.1	0.5	0.2	
	Fine (8)	REC MODE (H)	18	24	48	72	96	120	170	180	240	480	960	
		FPS	12.5	8.3	5.0	3.1	2.5	1.9	1.3	1.3	1.0	0.5	0.2	
	Super Fine (10)	REC MODE (H)	12	18	24	48	72	96	120	170	180	240	480	960
		FPS	12.5	8.3	6.2	3.5	2.5	1.9	1.5	1.1	1.0	0.8	0.4	0.2

(In Case of 40GB HDD)

Time-Lapse Mode Recording Time

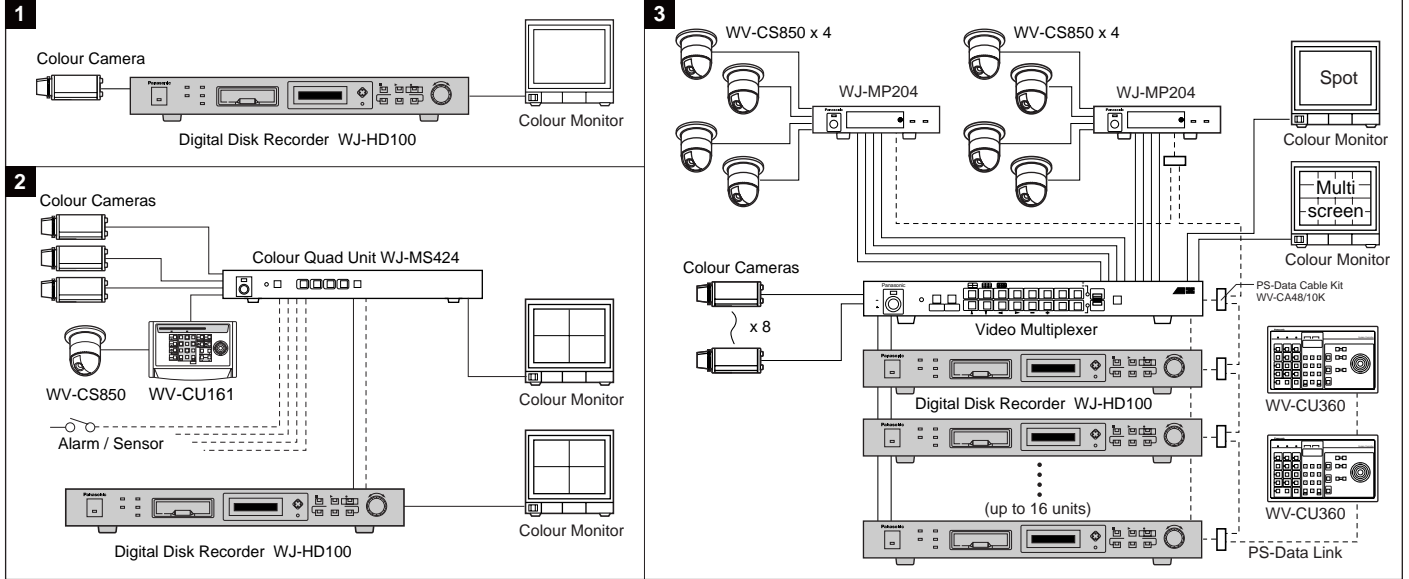
704H x 288V, PAL Colour Signal, Audio Signal ; Off

Capture Rate	0.5 sec	1.0 sec	2.0 sec
FPS	2	1	0.5
Extended	158	329	659
Normal	131	274	480
Fine	118	240	480
Super Fine	94	180	394

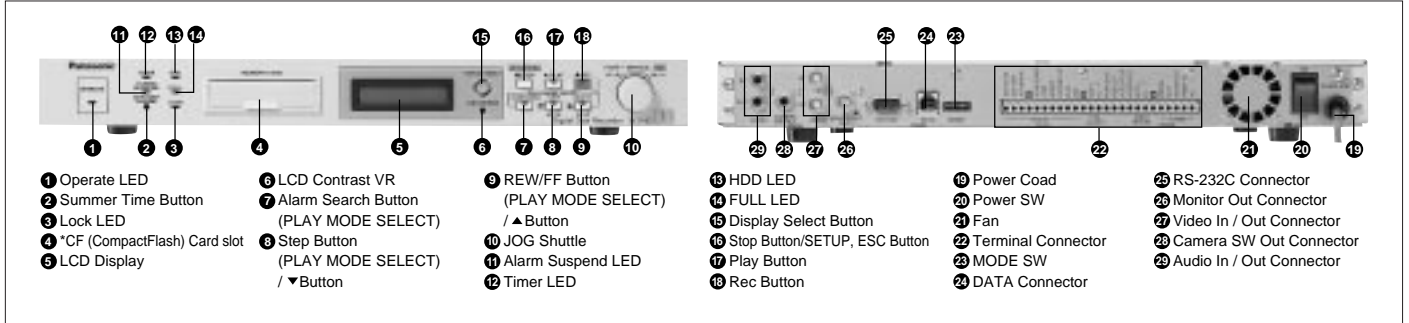
(In Case of 40GB HDD)

(Hours)

SYSTEM EXAMPLES



MAJOR OPERATING CONTROLS



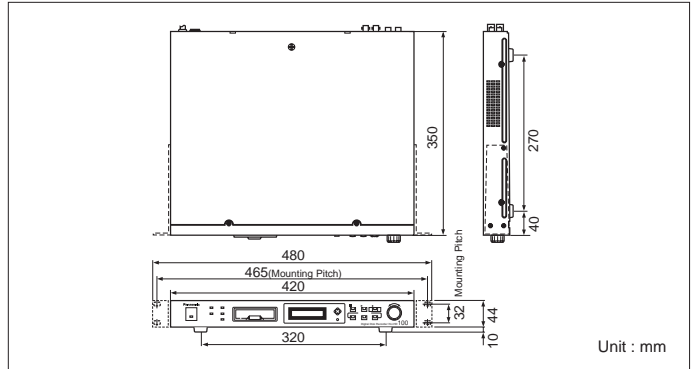
*Trademarks : SanDisk and CompactFlash are trademarks of SanDisk Corporation.

SPECIFICATIONS [PAL]

General	
Required Power	220V - 240V 50Hz
Power Consumption	24W
Operating Temperature	+5°C - +45°C
Dimensions	420(W) x 44(H) x 350(D)mm, rubber feet exclusive
Weight	5.2 kg
Input	
Video Input	Composite video signal, 1V [p-p], 75 Ω auto-termination, BNC
Audio Input	-10 dBV, 10 kΩ, unbalanced, RCA pinjack
Alarm Input	Dry contact, 100ms or longer, terminal
Alarm Reset Input	Dry contact, 100ms or longer, terminal
Clock Calibration Input	Dry contact, 100ms or longer, terminal
Series Recording Input	Dry contact, 100ms or longer, terminal
Alarm Recall Input	Dry contact, 100ms or longer
Output	
Video Output	Looped through, composite video signal, 1V [p-p], 75 Ω auto-termination, BNC
Audio Output	-10 dBV, 600 Ω, unbalanced, RCA pinjack
Camera Switching Output	Open-collector, Max. DC 12V 100mA, terminal
Alarm Output	Low-active (open-collector, Max. DC 24V 100mA) /hi-active (DC 12V, 220 Ω) switchable, terminal
Alarm Recovery Output	Low-active (open-collector, Max. DC 24V 100mA) /hi-active (DC 5V, 220 Ω) switchable, terminal
Recording Status Output	Open-collector, Max. DC 24V 100mA, terminal
Playback Status Output	Open-collector, Max. DC 24V 100mA, terminal
Clock Calibration Output	Open-collector, Max. DC 24V 100mA, terminal
Disk End Status Output	Open-collector, Max. DC 24V 100mA, terminal
Auto Off Output	Open-collector, Max. DC 24V 100mA, terminal
Series Recording Output	Open-collector, Max. DC 24V 100mA, terminal
Serial Interface	
RS-232C	9-pin D-sub
RS-485	PS-Data protocol, RJ-11

Remote Control In	
REC, PLAY, STOP (SET), FF/REW, STEP, ALM SEARCH, JOG-RIGHT, JOG-LEFT, JOG-CLICK : Non-voltage make contact, 100ms or longer, terminal	
Alarm Function	
Alarm Buzzer	On/Off
Alarm Reset	Auto reset/manual reset
Alarm Suspension	On/Off
Button Lock Buzzer	On/Off

DIMENSIONS



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

DISTRIBUTED BY:

Panasonic

Panasonic is the brandname of Matsushita Electric.
Printed in Japan
WJ-JKHD100T(2N-672A)