



### A DIGITAL VIDEO DUPLEX MULTIPLEXER WITH HIGH PERFORMANCE, SYSTEM FLEXIBILITY AND MULTI FUNCTIONALITY.

The WJ-FS616C is a duplex multiplexer with 16 channel inputs. This digital duplex colour multiplexer employs 4 separate digital process circuits which enables high picture quality (720H x 544V pixels), a high refresh rate, and field switching recording.

The WJ-FS616C also offers multi functionality such as 4,7,9,10,13 & 16 multiscreen monitoring, versatile alarm capability and video loss detection.

Other features include camera control, VTR control and remote control capability. The WJ-FS616C is the key component for an effective surveillance system.

#### Key Features

##### High performance

- **High picture quality**  
720H x 544V pixels.
- **Field switching output for recording**  
Up to 16 multiplexed camera images.
- **High refresh rate for multiscreen monitoring**  
1/50 for quad screen, 12/50 for 9 screen, 16/50 for 16 screen.

##### System flexibility

- **Camera control**  
Camera control such as PTZ, auto pan, focus, AF, iris, preset position and set up menu functions is available from the WJ-FS616C via single wire control or RS-485.



- **Link with WV-CS850A ; dome camera**

Seamless adjustability, finely tuned panning/tilting, zoom/auto focus with flexible joystick.



- **VTR control**

Panasonic time-lapse VTRs can be controlled by front panel of WJ-FS616C via RS-232C or wired remote control terminal.

- **Remote control via PC or WV-CU550CJ/WV-CU360CJ**

The WJ-FS616C is able to be controlled by PC via RS-232C or RS-485, or it can be controlled by WV-CU550CJ/WV-CU360CJ via RS-485.

- **System expansion**

WJ-FS616C can be expanded up to 64 input channel system by using 4 units.

#### Multi function

- **Versatile alarm capability**

- Alarm indication mode (multiscreen monitor output)
- Alarm link mode (multiscreen monitor output)
- Alarm ignore mode (spot monitor output)
- Alarm spot mode (spot monitor output)
- Alarm priority recording and switching mode (recording output)

- **Multiscreen monitor output**

- Single spot
- Multi spot
- Single sequence
- Multi-sequence

- **Secret view function**

Shut-out feature preventing designated screen from being seen.

- **Spot monitor output**

- **Quad recording**

- **Electronic 2x zoom and Still**

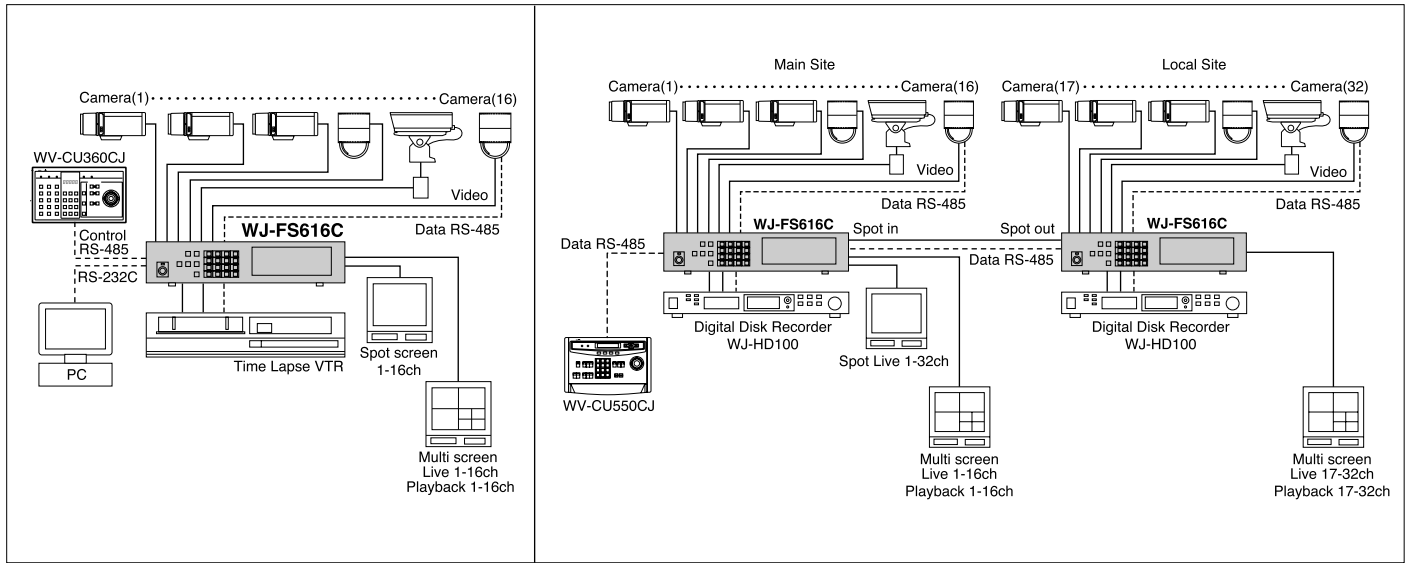
- **Video loss detector**

- **Selectable REC OUT/Multiscreen monitor output 2**

- **Password function**

Guards access to recording condition changes by installing password in menu screen.

## SYSTEM EXAMPLES



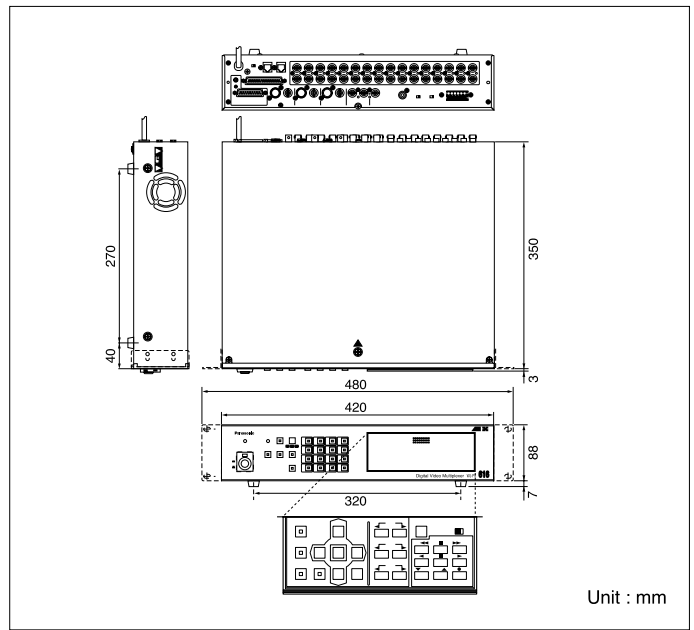
## RECORDING MODE OF PANASONIC TIME LAPSE VTR & CHANNEL UP DATE TIME

Recording Mode	3H	12H	24H	48H	72H	84H	120H	170H	180H	240H	480H	960H
Recording Interval (sec.)	0.02	0.10	0.18	0.34	0.50	0.58	0.82	1.14	1.22	1.62	3.22	6.42
Channel update time (sec.)	4 cameras	0.09	0.47	0.84	1.59	2.33	2.71	3.83	5.32	5.69	15.03	29.96
	8 cameras	0.17	0.87	1.56	2.95	4.33	5.03	7.11	9.88	10.57	27.91	55.64
	12 cameras	0.25	1.27	2.28	4.31	6.33	7.35	10.39	14.44	15.45	40.79	81.32
	16 cameras	0.32	1.60	2.88	5.44	8.00	9.28	13.12	18.24	19.52	51.52	102.72

## SPECIFICATIONS PAL

<b>Frame Memory</b>	Sampling frequency: 17 MHz Quantizing bit: 8 bit
<b>Internal Synchronization</b>	2:1 interlace Horizontal: 15.625 kHz Vertical: 50 Hz
<b>Acceptable Cameras</b>	Any 2:1 interlace cameras.
<b>Maximum Number of Camera Inputs</b>	16 cameras
<b>Input Signal</b>	Camera Input: 1 V [p-p] / 75 Ω (BNC) × 16 with loop-through outputs, automatic termination Playback Input: 1 V [p-p] / 75 Ω (BNC) × 1, S-Video in × 1 Genlock Input: VS 1 V [p-p] / 75 Ω (BNC) × 1 with loop-through outputs, automatic termination Spot Input: 1 V [p-p] / 75 Ω (BNC) × 1 Alarm Input: 16 (DSUB 37 pin connector) Recover Input: 1 (DSUB 37 pin connector) Time adjust Input: 1 (DSUB 37 pin connector) Camera Switching Input: RCA pin jack × 1 Remote Control Input: RS-232C terminal Communication Port: 6 pin modular type × 1 with loop-through output Hardwire Control: DSUB 37 pin connector
<b>Output Signal</b>	Spot Output: 1 V [p-p] / 75 Ω (BNC) × 1 Multiscreen Output: 1 V [p-p] / 75 Ω (BNC) × 1, S-Video × 1 Recording Output: 1 V [p-p] / 75 Ω (BNC) × 1, S-Video × 1 Sync Output: BBS output 0.45 V [p-p] / 75 Ω (BNC) × 1 Alarm Output: DSUB 37 pin connector Reset Output: DSUB 37 pin connector VTR Control Output: ø2.5 mm pin jack / RS-232C RS-485 Camera Control Output: Terminal × 1
<b>Ambient Operating Temperature</b>	-10°C ~ +50°C
<b>Dimensions</b>	420 (W) × 88 (H) × 350 (D) mm
<b>Weight (approx.)</b>	7 kg
<b>Power Supply</b>	110 V - 240 V AC
<b>Standard Accessory</b>	Rack mount bracket

## APPEARANCE



## OPTIONAL ACCESSORIES



• 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.

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