

## THE COST EFFECTIVE DIGITAL VIDEO SIMPLEX MULTIPLEXER WITH 16 CHANNEL MULTIPLEX RECORDING AND MULTISCREEN MONITORING

The WJ-FS216, a simplex multiplexer with 16 channel inputs, is of compact design, yet it offers reliable performance and a high image quality of 720 × 582 pixels. The WJ-FS216 also offers multiple functions such as 4, 9, and 16 multiscreen monitoring, 16 channel multiplex recording, 16 channel alarm capability, video loss detector, still and electronic zoom. These functions make the WJ-FS216 one of the most cost effective multiplexers on the market.

### Key Features

#### High picture quality

The FS216 employs newly developed embedded memory control LSI which enables 720 × 582 pixel high picture quality and high reliability.

#### Multiplex recording mode

- 16CH multiplexed video signals are supplied to the recording output.

Playback image can be displayed in the multiscreen or full screen via monitor output. (Recording output and playback display do not work simultaneously.)

- The full screen playback image can be zoomed in 2 steps.
- Live spot or sequence monitoring.

#### Multiscreen mode

- Full screen or a 4, 9 or 16 multiscreen mode is available for live monitoring via monitor output.
- A 4, 9 or 16 multiscreen mode is available for recording output. One of the live multiscreen segments can be zoomed in 2 steps (Quad) or 3 steps (9/16 mode). Playback spot screen can be zoomed in 2 steps. Display position of Quad and 9 mode is programmable.

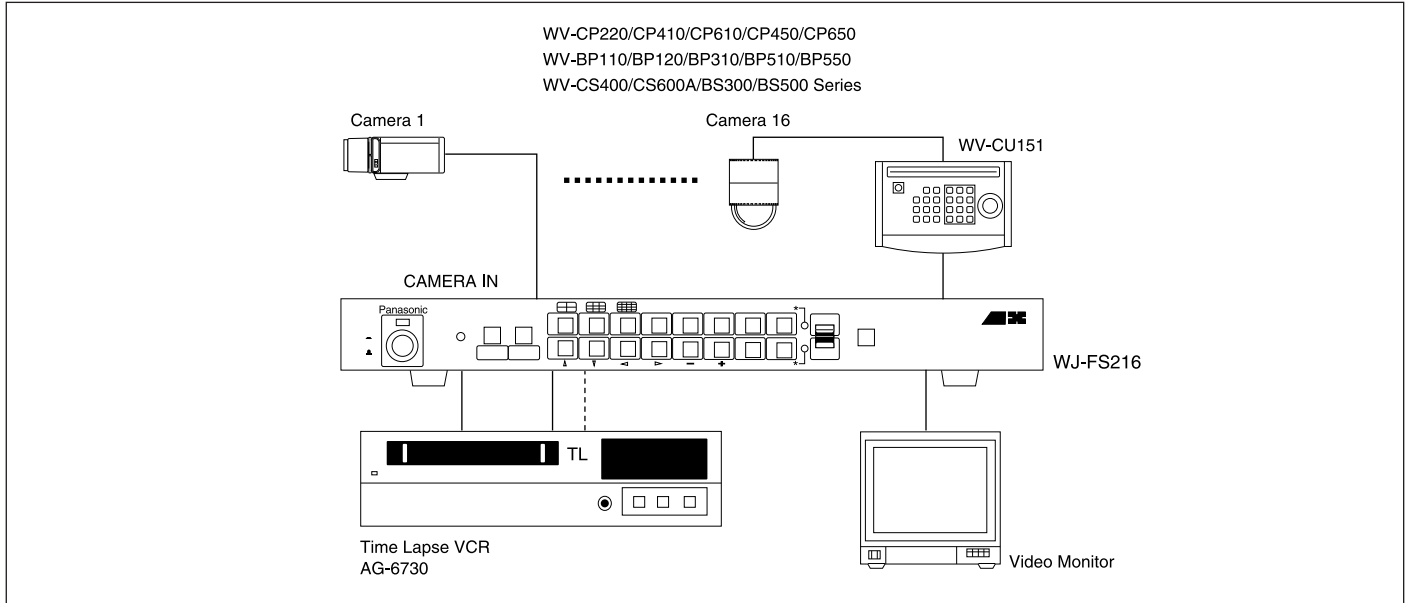
#### 16 CH alarm capability

- Alarm spot display (Multiscreen mode)
- Alarm priority recording (Multiplex recording mode)

#### Other functions

- Video loss detection
- Digital still mode
- On screen setup operation, etc.

## SYSTEM CONFIGURATION



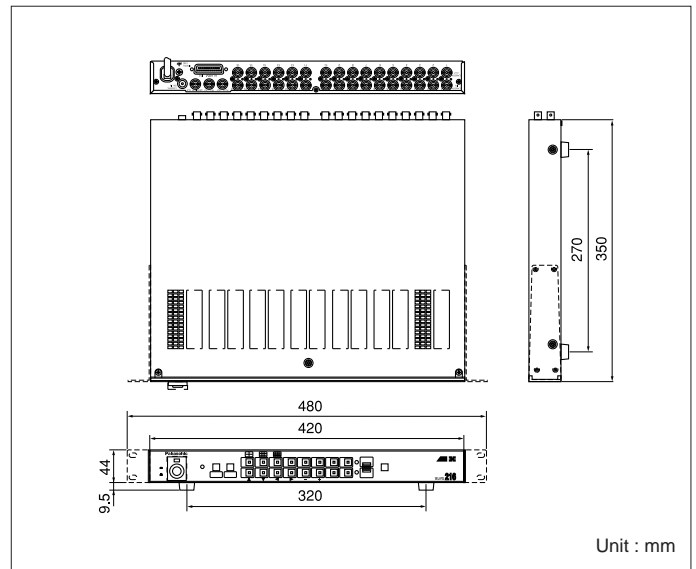
## RECORDING MODE OF PANASONIC TIME LAPSE VCR & CHANNEL UP DATE TIME

REC Mode		3H	12H	24H	48H	72H	84H	120H	170H	180H	240H	480H	960H
REC Interval		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	0.37	0.47	0.84	1.59	2.33	2.71	3.83	5.32	5.69	7.56	15.03	29.96
	8 cameras	0.69	0.67	1.56	2.95	4.33	5.03	7.11	9.88	10.57	14.04	27.91	55.64
	12 cameras	1.01	1.27	2.28	4.31	6.33	7.35	10.39	14.44	15.45	20.52	40.79	81.32
	16 cameras	1.28	1.60	2.88	5.44	8.00	9.28	13.12	18.24	19.52	25.92	51.52	102.72

## SPECIFICATIONS

Frame Memory	Sampling frequency: 13.5 MHz Quantizing bit: 8 bit
Internal synchronization	2:1 interlace Horizontal: 15.625 kHz Vertical: 50 Hz
Maximum Number of Camera Input	16 cameras
Input Signal	Camera Input: 1.0 V [p-p] /75 Ω (BNC) × 16, with loop-through outputs Playback Input: 1.0 V [p-p] /75 Ω (BNC) × 1 Alarm Input: 16 (DSUB) Alarm Recover Input: 1 (DSUB)
Output Signal	Monitor Output: 1.0 V [p-p] /75 Ω (BNC) × 1 Recording Output: 1.0 V [p-p] /75 Ω (BNC) × 1 Alarm Output: 1 (DSUB)
Ambient Operating Temperature	-10°C - +50°C
Dimensions (W × H × D)	420 × 44 × 350 mm
Weight	4.6 kg
Power Supply	220 - 240V AC
Standard Accessory	Rack mount bracket

## APPEARANCE



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

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