



UPGRADE YOUR SYSTEM EFFICIENCY TIMES FOUR— HIGH-QUALITY COLOR QUAD PICTURES

The Panasonic WJ-MS424 Color Quad Systems is the ideal multiple surveillance camera system for CCTV applications and is virtually compatible with any 2:1 interlace type camera. Quad System displays up to four surveillance pictures, with border, on a single monitor. Excellent color picture quality is produced by 8 bit /14.3 MHz sampling. On-screen alphanumeric identification (8 picture ID characters) details camera location. And two built-in sequential switching modes, with easy quad / full screen selection, marks the WJ-MS424 much more than a Quad Systems.

Key Features

Great Picture Quality-8 bit/14.3MHz Sampling

Responding to ever-changing camera performance, the WJ-MS424 produces excellent color picture quality. Advanced digital technology provides this unit with 720 horizontal pixel memory (14.3MHz sampling), 1/60 second refresh time, and 8 bit high S/N with a 256 step gray scale.

Quad Picture and Sequential Switching Function

The WJ-MS424 accepts four camera inputs and outputs, a quad-mixed picture to a monitor, and connection to a time-lapse VCR. At the monitor output, full screen mode can be activated to view one selected camera location. Also, the WJ-MS424 features two sequential switching modes to fit an operators specific needs.

Flexible Sync Capability

Built-in Field Memory allows connection of virtually any 2 : 1 interlace camera without gen-lock capability. In addition, loop-through video inputs / outputs permit easy system extension.

Alphanumeric Character Generator

On-screen alphanumeric identification of camera locations can be preset with up to eight (8) alphanumeric characters available for each of the four inputs.

Alarm Input with Built-in Buzzer

Rear mounted alarm inputs for each camera location on the WJ-MS424 allow the color Quad System to be combined with alarm sensors. When a sensor is triggered, an alarm-signal buzzer sounds, and the WJ-MS424 automatically displays a full-screen image of the appropriate location. In addition, on-screen alphanumeric indication of "ALARM" alternates with the preset camera location title. The WJ-MS424 can be combined with a time-lapse VCR through the alarm output and recover input connectors.

Video Output connectors

The Panasonic color Quad System Provides two separate types of video output connectors; Video out and VCR out.

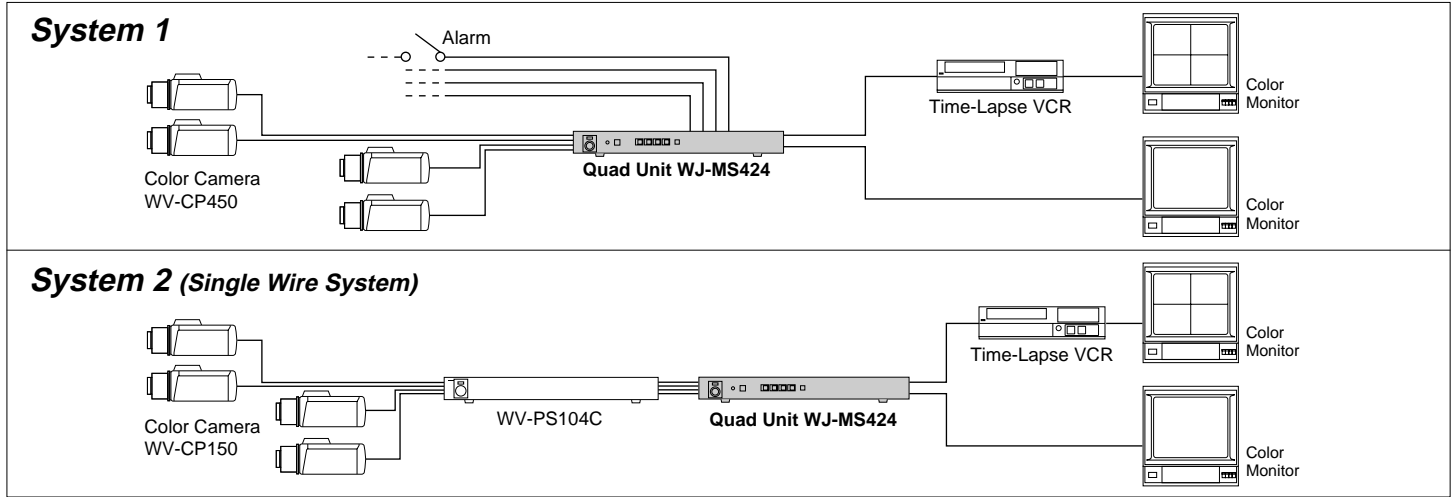
Quad Picture Borderlines

A white borderline can be inserted around the quad pictures to divide the screen area.

Video Loss Detection

The video signal can be supplied to the video input for monitor testing.

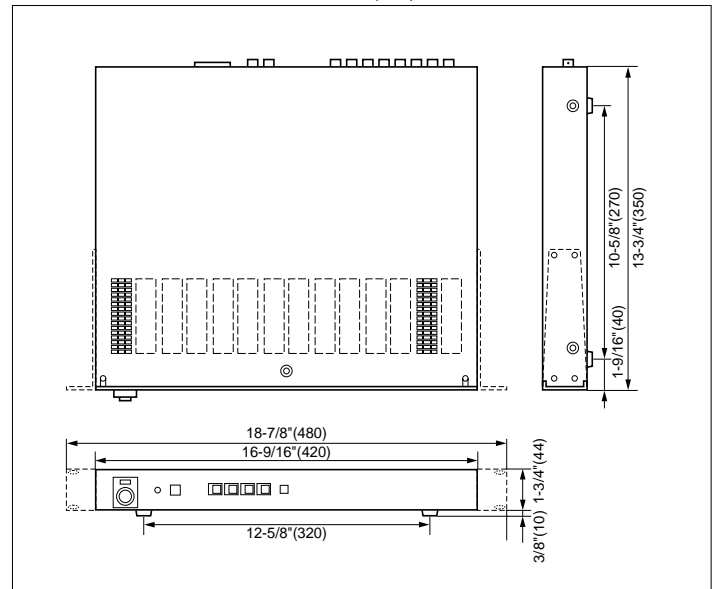
SYSTEM APPLICATIONS



SPECIFICATIONS

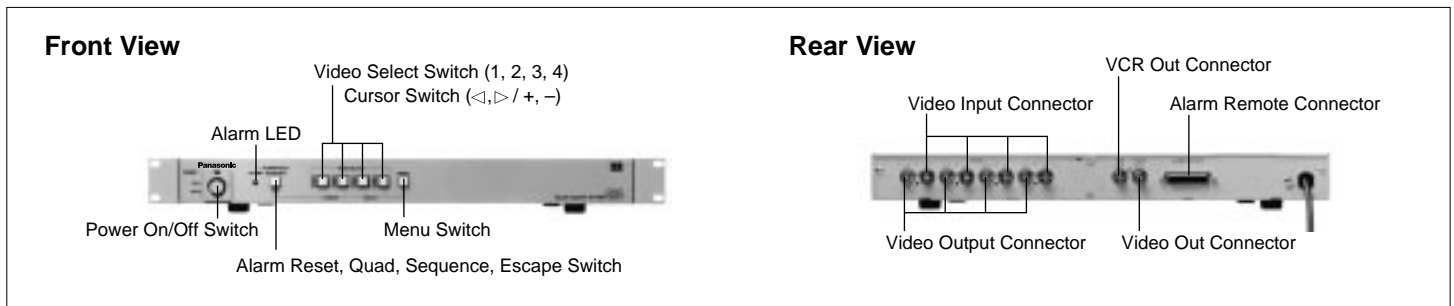
Power Source	AC 120V, 60Hz
Frame Memory	Sampling frequency : 14.3MHz Quantizing bit : 8bit Pixels : 720x484
Internal synchronization	2:1 interlace Horizontal 15.734kHz Vertical 60Hz
Refresh Rate	1/60
Video Input	2:1 interlace, composite 1V [p-p] 75 Ω, Auto termination or Loop-through, black and white or color video signal x 4, (each video signal should be synchronized vertically for vertical interval switching. Does not have to be synchronized in case vertical interval switching is not required.)
Video Output	Video Output x 2, composite, 1V [p-p] 75 Ω color or black and white video signal with composite sync and burst signal.
Title	Up to 8 characters for each window
Alarm Input	One for each 4 video inputs (Max. DC 12V and a make-contact with the ground)
Alarm Output	One (Max. DC 24V, 100mA, open collector circuit)
Alarm Time	Adjustable approx. 1 to 30 seconds, 1, 2, 3, 4, 5 min. or EXT
Recover Input	One (Max. DC 12V and a make-contact for ground)
Auto Reset Time	Adjustable approx. 1 to 30 seconds, 1, 2, 3, 4, 5 min. or OFF
Ambient Operating Temperature	+14°F to +122°F (-10°C to +50°C)
Dimensions	16-1/2" (W) x 1-3/4" (H) x 13-3/4" (D)
Weight	420 (W) x 44 (H) x 350 (D) mm 7.9 lbs. (3.6 kg)

APPEARANCE Unit: inches (mm)



- STANDARD ACCESSORIES Rack Mount Brackets ... 1 set
Rack Mount Brackets Fixing Screws ... 8 pcs

MAJOR OPERATING CONTROLS



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

Panasonic

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