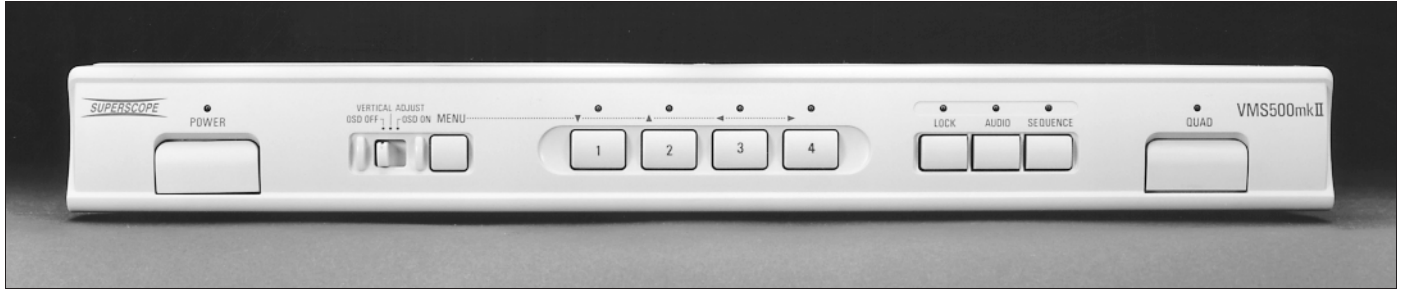


SUPERSCOPE®



VMS500mkII and VMS600mkII Digital Quad + Audio Processors

The Superscope VMS500mkII and VMS600mkII are the first high quality video processors to integrate both quad viewing and 4-channel audio surveillance. Both units can function as stand alone video processors, video plus audio processors, or remote video processors.

The heart of the VMS500mkII and VMS600mkII are their true Real-Time processors. Each second of video contains 60 different images, providing a complete moving picture in each quadrant. As each quad screen is formed, a vertical and horizontal filter is applied to enhance the picture quality. The final outcome is an exceptional overall video quality.

Audio surveillance can be combined with video processing to allow audio-follow-video switching or manual switching of the four audio channels in quad mode. Up to four Superscope microphones can be added to either the VMS500mkII or VMS600mkII. Each microphone input also has a loop-through output that can be connected to a dedicated VCR or powered speaker.

Configuration flexibility is one of the strong points of the VMS500mkII and VMS600mkII. Three different video outputs (full switching, full switching without the on-screen display, and a quad only output) are provided to allow system customization. Each camera also has a loop-through output so that each camera input can be passed to another system or into a matrix switcher.

Remote controlling the VMS500mkII and VMS600mkII is achieved through an RS-232 port. Full control of most functions can be performed by a computer or head-end system.

FEATURES

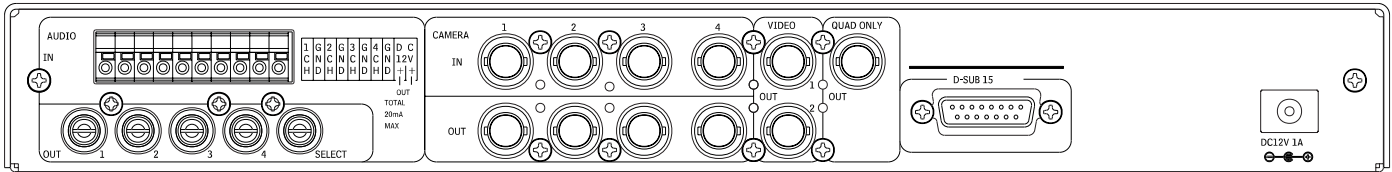
- Four Camera Inputs
- Real-Time Refresh Rate (60 fields/sec)
- Digital Horizontal & Vertical Image Filters
- Individual Camera Full Screen Display
- Sequential Switcher with Independent Dwell Times
- Individual Camera Freeze in Quad Mode
- Menu Driven Programming
- Time/Date Generator
- Individual Camera Titler
- Time/Date/Title Position Shift
- Vertical Picture Shift
- Security Lock Out
- Four Looping Camera Outputs
- Three Distinct Video Outputs
- RS-232 Control Port
- Rackmount Ears Included (1U)

AUDIO FEATURES

- Four Line Level Microphone Inputs
- Audio-Follow-Video in Full Screen Mode
- Manual Audio Switcher in Quad Mode
- Four Looping Microphone Outputs

ALARM FEATURES

- Alarm Input for Each Camera
- Alarm Output
- Programmable Alarm Time
- Alarm Recall (Last 11)
- Video Loss Alarm
- On Screen Alarm Indication
- Full Screen Call-Up on Alarm
- Built-In Alarm Buzzer and LED Indicator



APPLICATIONS

Retail: The VMS500mkII and VMS600mkII offer a unique and cost-effective one product solution for both video and audio surveillance. The audio follow and switching capabilities provide an effective tool for monitoring cash registers, customers, or the shipping area. Video plus audio recordings provide valuable evidence for legal proceedings or can be used as a valuable tool for employee training.

Educational / Daycare: Employee monitoring provides an excellent quality control and training mechanism. A child's behavior can be monitored with video and audio by parents without disturbing the classroom.

Warehouse / Manufacturing: The audio capability of the VMS500mkII or VMS600mkII can provide either 2-way communication or up to 4-zone monitoring. Alarm interface featuring an audible buzzer and an alarm output can be used to alert of unauthorized entry/exit or a problem in a manufacturing process.

Office / Parking Garage: Video plus audio surveillance can be used to monitor entry and exit ways or can be utilized to expand the areas of coverage beyond the camera's view.

Mobile Surveillance: The 12VDC power input of the VMS500mkII and VMS600mkII allows a DC source, like a car battery, to power the quads.

MICROPHONES



VMS201/VMS202

VMS211

VMS205

Superscope's family of VMS microphones have been specifically designed for security and surveillance applications including: checkout counters, parking garages, outdoor parking lots, guard houses, elevators, service counters, residential, conference rooms, warehouses, and manufacturing plants.

INPUTS AND OUTPUTS

Video Inputs / Looping.....	4 / 4
Video Connectors.....	BNC
Microphone Inputs / Looping.....	4 / 4
Microphone Input Connectors.....	push pin (bare wire)
Audio Output Connectors.....	RCA
Alarm Connectors.....	via 15-pin D-sub
RS-232 Connector.....	via 15-pin D-sub
DC Connector.....	2.1mm pin type p-jack

TECHNICAL SPECIFICATIONS

VIDEO

Signal Format.....	NTSC
Refresh Rate.....	60 fields/sec
Resolution.....	512x480
Digital Memory.....	256x240 (quad)
Video Inputs / Impedance.....	1.0Vp-p / 75 ohm
Video Outputs / Impedance.....	1.0Vp-p / 75 ohm
Camera Sync.....	Internal (Automatic)

AUDIO

Microphone Inputs / Impedance.....	1.0Vp-p / 30k ohm
Line Outputs / Impedance.....	1.0Vp-p / 600 ohm

ALARM

Alarm Inputs / Type.....	4 / Normally Open (NO)
Alarm Output / Type.....	1 / Normally Open (NO)
Alarm Reset / Type.....	1 / Normally Open (NO)
Alarm Time.....	>100m sec.

RS-232

Asynchronous, 1200 baud, 8 data bits, even parity, one stop bit

OPERATING CONDITIONS

DC Power Requirement.....	12V (1A)
Power Consumption - VMS500mkII.....	8.4W
Power Consumption - VMS600mkII.....	10.8W
Power Loss Backup.....	3 minutes
Operating Temperature Range.....	41-104°F

DIMENSIONS/WEIGHT

Height (1U).....	1.7" (43.7mm)
Width.....	14.2" (360.0mm)
Depth.....	13.0" (331.0mm)
Weight.....	8.2 lb. (3.7 Kg)

Specifications are based on measurement conditions and proper care for the machine, and are subject to change without notice.

