

GV-CMP163R

16 CHANNEL COLOR MULTIPLEXER



SUMMARY

The GV-CMP163R triplex multiplexer features motion detection and multi-lingual setup menus. The multiplexer contain BNC input and output for VCR connection. The main monitor connects to a composite BNC output. This BNC auxiliary output to be used for "spot" monitor or as sources of video for other devices. The multiplexer has a large selection of user selectable display formats. It also has digital zooming up to 32 times the original scene. A multi-lingual menu allows for easy setup. The user's configuration is stored in nonvolatile memory to protect against loss of settings during power outages. The multiplexer plays back video tapes recorded with many other multiplexers. These include but are not limited to: Dedicated Micros, Robot, Kalatel, and Pelco. Multiplexers can be "daisy chained", addressed and controlled by a single control panel. The multiplexer can also be addressed by a computer using either an RS-232 or RS-485 connection..

FEATURES

- Compatible with standard color cameras and other video sources
- Able to decode tapes from many other brands of multiplexers
- Multiple user-selectable formats for displaying camera images
- Multiple monitor outputs (1 Main, 1 Auxiliary) allow simultaneous multi-camera and full screen viewing
- On-screen display includes date, time, alarm status, video loss, camera number, and 24-character camera titles
- Programmable day and night motion-detection schedules

- Each camera has a programmable 256-target (16 x 16) motion detection grid
- Nonvolatile program memory saves all user settings and protects them against power outages
- One TTL/CMOS contact closure alarm for each camera
- Alarm input polarity is user selectable
- VCR switch pulse input for synchronization with VCRs having switch pulse feature
- Full triplex operation allows simultaneous recording, playback, and live viewing
- 256-event alarm history log
- Linear zoom IN and OUT up to 32 times

SPECIFICATIONS

Operating Defaults

Format: 4X4 multi-screen format

Display: Live Video

Format: NTSC/PAL standard

Level:

Camera Inputs: 1.0Vp-p, 75 Ohms

Camera Outputs: 1.0Vp-p, 75 Ohms

VCR Inputs: 1.0Vp-p, 75 Ohms

VCR Output: 1.0Vp-p, 75 Ohms

Alarm

Camera Alarm : Input 16 inputs with individual polarity selection; activated by contact closure or TTL/CMOS signal
Alarm Output: One NO and NC contact with shared common; 1.0A and 24V dc (resistive only)

Alarm Hold Time: 20 seconds default; menu selectable 0 to 99 seconds

Alarm Buzzer: On/Off selectable

Resolution (pixels x lines):

Sampling: 720 X 480

Full (Active): 648 X 448 (10 to 9 down-scaling)

1/4 size: 324 X 224

1/9 size: 216 X 149

1/16 size: 162 X 112

4/9 size: 432 X 298

9/16 size: 486 X 336

VCR out (full): 720 X 480

Spot out: analog

General

Power adapter: 110/240V AC Universal adapter

Power requirement: 12V DC/2.5Amps

Dimension (WxHxD): 432x44x310mm

Weight: 2.4Kg

Camera Inputs: 16 BNC

Loop Out (auto terminating): 16 BNC

Main Monitor Out (CVBS): 1 BNC

VCR In (CVBS): 1 BNC

VCR Out (CVBS): 1 BNC

Alarm Input/Output: Terminal block

RS232 (RX/TX): Terminal block

RS485 (RX/TX): 2 RJ45

Spot (Aux) Out: 4 BNC

Power: 2.1mm pin type; female

Meets FCC part 15 Class A