



QS94 REAL-TIME QUAD SWITCHER

The QS94 real-time colour quad is presented as a desktop unit with loop through connections to offer not only a stand-alone quad function to display four cameras simultaneously on a CCTV monitor but also to provide an auxiliary display in conjunction with multiplexers or PC based CCTV systems.

The QS94 will accept up to four non-synchronous video inputs and offers a choice of live displays to suit most applications for 4, 3 or even 2 cameras all with full-screen capacity. The on-screen menu is easy to follow and provides variable alarm alert and auxiliary sequence periods, audible alert on/off, flashing borders (in alarm state) and numeric camera identifier on/off.

The auxiliary (spot monitor) output may be used for either quad or full-screen sequencing display and can be programmed to react in a number of different ways to an alarm alert. Alarm contacts are either all normally open or all normally closed with an alert period of 4 to 120 seconds with an audible alarm alert sounder on/off option.

The QS94 comes complete with a 12Vdc power supply and is backed up by a non-volatile memory which will retain programmed settings on power loss.

- REAL-TIME COLOUR
- SECOND CHANNEL FOR QUAD OR SEQUENCING MONITOR
- NO EXTERNAL SYNCHRONISATION REQUIRED
- ON-SCREEN PROGRAMMING
- VIDEO LOOP THROUGH



SPECIFICATION

Video

- Camera Inputs: 4; loop-through for each; jumpers for 75Ω terminators
- Video Outputs: 2
- Format: Composite 625-line PAL video, 75Ω terminated 1V_{pk-pk}
- Connectors: 10 x BNC

Main Video Output

- Basic Behavior: Full-screen / split-screen selected via keyboard
- Configurable Behavior: Full-screen on alarm, or split-screen on alarm, or ignore alarms.

Auxiliary Video Output

- Configurable Behavior: Permanent split-screen, or normally split-screen, but full-screen on alarm, or permanent full-screen sequencing (for a spot monitor)

Keyboard

- Keys: 5; tactile switches flush with panel; panel covered with a membrane

Alarms

- Alarm Inputs: 4; programmable as either 'all N/O' or 'all N/C'
- Alarm Period: programmable - from 4 seconds up to 2 minutes
- Alert Tone: can be silenced
- Alert Relay: single-pole changeover; contacts are floating; max. ratings: 24v, 200mA, 2W
- Connector: 15way D-CON

Power

- Supply Requirements: 12V, < 5W
- Connector: D.C. Socket 2.1mm

Power Adapter

- Inputs: 230Vac +/- 10%, 50Hz.
- Output: 12Vdc @ 500mA, unregulated; class II

Dimensions (mm)

- L x W x H: 254 x 150 x 43 (mm)

CONNECTIONS

