

# Nortek

## DQ94 REAL-TIME QUAD UNIT



The Nortek DQ94 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 DQ94 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 DQ94 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 Behaviour: Full-screen / split-screen selected via keyboard
- Configurable Behaviour: Full-screen on alarm, or split-screen on alarm, or ignore alarms.

## Auxiliary Video Output

- Configurable Behaviour: 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)

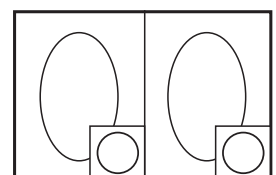
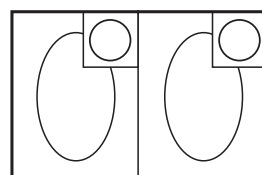
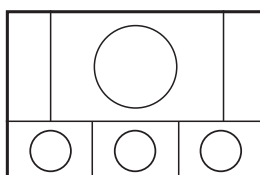
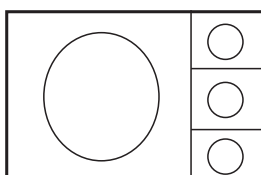
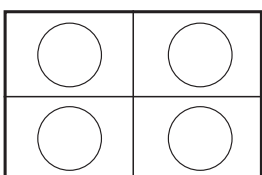
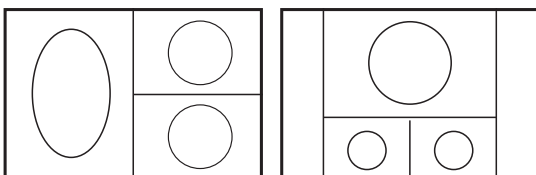
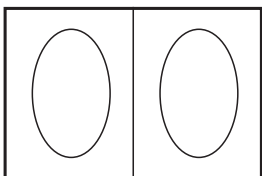
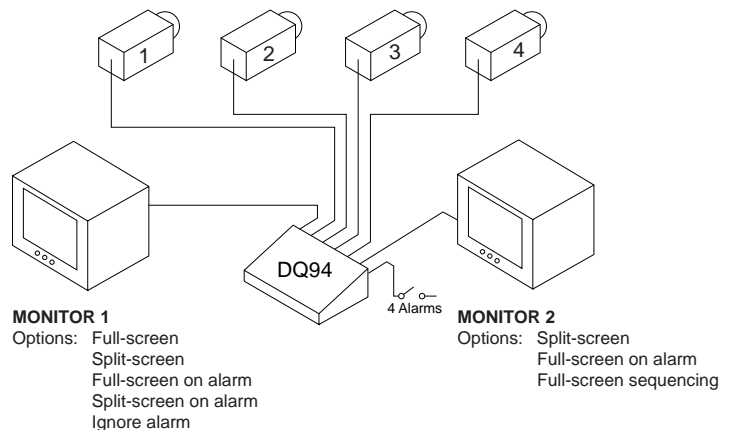
- L x W x H: 254 x 150 x 43 (mm)

## Boxed Weight (inc PSU)

2kg



DQ94 rear view



Circles have been drawn to illustrate aspect ratio distortion in the displayed image.

The installer defines one layout to be the default and this will then be automatically selected at power-up.