

These C.C.T.V. Quad Switchers provide real time image update combined with excellent picture quality and high build quality. The latest technology has been used in these new generation products to deliver maximum reliability and value for money.

### **Monochrome**

Real Time Update  
High Resolution Images  
"Mini" Case

*Order Code:*  
VM-401M



### **Colour**

Real Time Update  
High Resolution Images  
"Mini" Case

*Order Code:*  
VM-401C



### **These Quad Switchers Feature...**

- Real Time Image Update
- Easy Set Up
- Very High Image Quality
- 768 x 576 Image Resolution (Colour)
- 832 x 576 Image Resolution (Monochrome)
- 5 Year Warranty
- 4 Camera Inputs
- 2 Monitor Outputs (Fully Switchable & Quad Only)
- Auto Sequencing
- Programmable Dwell Time
- Alarm Inputs
- Full Screen Pull-Up on Alarm
- Alarm Sequencing
- Switchable Termination
- Powered via External Power Supply
- Designed, Manufactured and Supported in the UK

## VQ-400 Series Technical Data

### Digital Frame Store (VQ-401M)

Colour/Monochrome	Monochrome
Sampling	16MHz
Active Pixels per Line	832
Active Lines	576
Grey Levels	256

### Digital Frame Store (VQ-401C)

Colour/Monochrome	Colour
Sampling	14.7Mhz
Active Pixels per Line	768
Active Lines	576
Colours	16.8 Million

### Display Modes

Switcher Output	Full Screen/Quad
Quad Output	Quad

### Video Inputs/Outputs

Input/Outputs	1V pk-pk 75Ω
Camera Termination	75Ω or High Impedance (DIL switch)

### Auto Sequencing

Dwell Times	1, 2, 4 or 8 seconds
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### Alarms

Inputs	Normally Open Contacts (10kΩ pull-up to 5V on each input)
Actions on Alarm	Pull-up Full-screen & Auto-Sequence

### Relay

Relay Contact Rating	24Vdc 500mA max, Change-over Contacts
Hold Time	5 seconds

### Power

DC Input	5Vdc 2Amps max
Mains Adaptor	230Vac Input (115V option), 30W max

### Dimensions

Unit	200 x 257 x 52 mm
Power Supply	144 x 74 x 44 mm
Packaged	395 x 267 x 120 mm

### Weight

Unit	1.6 Kg
Power Supply	1 Kg
Packaged	3 Kg

### Environmental

Humidity (non-condensing)	5 to 95%
Operating Temperature	0 to 40° C
Storage Temperature	-20 to 60° C

### Included Accessories

- User/Installation Manual
- Power Supply
- Alarm Connector

These quad switchers are high quality display units for use where four real-time camera images need to be displayed on a single monitor.

The compact size of these make them suitable for installations where a number of quads are required. Typically, they may be used to provide real time quad images in conjunction with multiplexers or switchers .

There small size also makes them ideal for small stand-alone applications.

**Typical Configuration**

