Conway RF Matrix

The RF Matrix allows the Telemetry receivers to be controlled via the same coaxial cable as the video signal. The main advantage of such a method is the ability to expand existing fixed camera systems. The requirement could be to add a simple wash wipe module to the fixed cameras, or convert the camera assemblies to fully functional heads using one of the Conway range of receivers, Wash wipe, Alpha, Delta or Omega, all controlled from the coax signal cable.

RF Matrices come in 3 sizes, an 8 camera input with 2 monitor outputs, 16 camera input with 4 monitor outputs, 32 camera input with 4 monitor outputs. Each of the monitor outputs can be programmed to sequence through selected cameras.

On screen text is available on each monitor output as an option. It provides camera captions, alarm messages, date and time if required.

The text option is only necessary on systems where receivers do not have the text option fitted.

Alarm inputs come as standard on the Matrix and can be programmed to display any cameras relevant to the alarm condition. The alarm inputs can also be programmed to send the Delta and Omega receivers to a pre-set position in response to the incident. All the inputs can be N/O or N/C in operation.

VARIABLE SPEED (DC CONTROL) UP THE COAX

Conway 8 x 2 RF Matrix

'Up the coax' Telemetry

Alarm inputs

Privilege levels

Receiver control

Multi-speed lens control

Wash

Wipe

Lamps

Auxiliary functions

On-screen text

Time and date

Alarm reaction modes

Conway Plug 'n' Play

2 to 4 monitor outputs

Up to 32 inputs

Conway SECURITY PRODUCTS

RF Matrix

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Conway RF Matrix

Communications

The communication between keyboards and matrix is via RS485. The matrix then controls the receivers via the up the coax method.

DC control

The RF matrix can be used with an Omega keyboard enabling the proportional control of the Conway range of DC pan and tilts, via the Omega receiver.

Technical Requirements

Power

240VAC 50Hz 30Va

Fused input 250mA

Keyboard connection

RS485 via 9 way D type

Alarm inputs

Push fit screw terminal

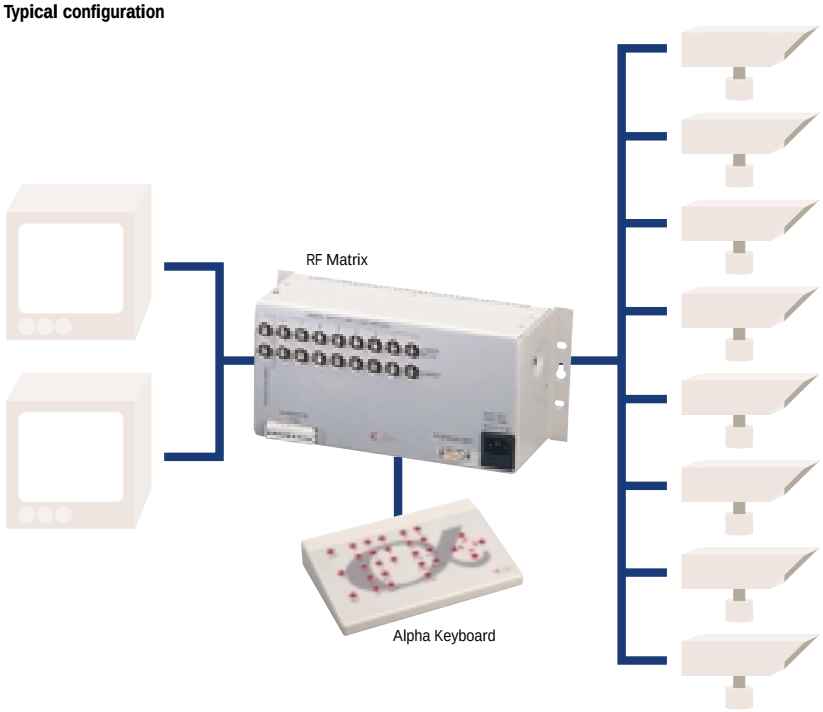
Maximum dimensions HxWxD

8 way matrix	133x295x110
16 way matrix	133x444x110
32 way matrix	266x444x110

Dimensions are all millimetres.

The height of the unit equates to 3u.

Typical configuration



RF Matrix & Omega Keyboard

VARIABLE SPEED (DC CONTROL) UP THE COAX

YEAR 2000 compliant

Due to a policy of continual improvement, specifications may be subject to change.

CE

Conway SECURITY PRODUCTS
Seymore House, Copyground Lane, High Wycombe, Bucks HP12 3HE
Tel: 01494 461373 Fax: 01494 531685 www.conway-cctv.co.uk