



### Features

- Compact keyboard that allows Videoswitch DVRs to be operated remotely
- Addressable, so multiple DVRs may be controlled from same keyboard
- CAT5 connection to DVR provides RS485 control, power and video
- Same key layout as Vi-Series DVRs
- BNC output for monitor (up to 100m from DVR)
- Powered by DVR (up to 20m) or external PSU (supplied)
- Controls multiple DVRs, up to 256 cameras
- Multiple keyboards may be daisy-chained
- Manufactured in the UK

### Order Codes

Vi-K1 Remote Keyboard

#### Accessories

Vi-X10 CAT5 Breakout Module

Vi-E2 Star Expander for controlling multiple DVRs

### Technical Data

#### Control and Interface

Keys	35 keys, same functions as Vi-series and M-series DVRs.
Control Output/Input	RJ45 connectors (RS485, power and video)
Monitor output	BNC, composite video
Control range	1000 metres
Baud rate	9600baud, 8bits, no parity, 1steop
Video range	Video for the monitor is transmitted via the CAT5 cable for distances up to 100 metres. Longer distances require a separate coax cable.
Self-powered range	The Vi-K1 automatically gets power from the Vi-series DVR for distances up to 20 metres. Longer distance require the use of a PSU (supplied)

#### Power, Physical & Environmental

Power input	12V 100mA DC (PSU included)
Temperature	5 to 35deg C (operating), -10 to 40deg C (storage)
Humidity	5 to 90% non-condensing
Dimensions/Weight (Unit)	165mm x 50mm x 105mm (WxHxD), 0.5kg
Dimensions/Weight (Boxed)	360mm x 90mm x 295mm (WxHxD), 1.5kg

### Overview

The Vi-K1 allows Videoswitch digital recorders (DVRs) to be controlled via a twisted pair link from a remote location such as another part of a building. A built-in balun allows video to be transmitted via a twisted pair connection from the DVR so that a video monitor may be connected to the Vi-K1. Together with self-powering this means that a simple CAT5 connection is all that is required for connection of the keyboard and monitor to a DVR. Multiple Vi-K1 keyboards may be cascaded if more control points are required.

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This product is designed and manufactured to the highest standards within our ISO9000 certified quality assurance system. It is certified to meet the CE mark requirements in accordance with the 89/336/EEC Electromagnetic Compatibility and 73/23/EEC Low Voltage directives. Due to a policy of ongoing product development, specifications may change without notice.



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