Overview

The Vi-K2000 joystick keyboard may be used to control domes either directly or via a Videoswitch digital recorder, hybrid record or IP recorder. Dual RS485 dome outputs are provided so two types of domes may be controlled from the same keyboard.

The Vi-K2000 may also be used for direct up-the-coax control of a single dome or of multiple domes if supported by the recorder.

Optional star expanders are available to allow domes to be wired in start configuration to individual RS485 outputs (recommended).

Key Features

- Direct control of domes
- Protocols include: Videoswitch VXP-4, JVC, VCL, BBV, Dennard, Sanyo, Samsung, Forward Vision, Mercer, Molynx/Bewator, Merit-LiLin, Pelco, Vista.
- Controls all Videoswitch DVRs
- Cursor keys can be used to operate dome menus
- Solid state joystick, long life
- LED display for status and set-up
- BNC Monitor output, requiring only CAT5 (twisted pair) connection to DVR
- Controls multiple DVRs, up to 256 cameras
- Dual dome outputs permit two types of dome on same system
- RS485, RS232 and 20mA outputs
- Multiple keyboards may be daisy-chained
- Robust metal case
- Manufactured in the UK

Order Codes

Vi-K2005	Joystick Keyboard
Vi-K2005V	Joystick Keyboard, VGA Receiver
Vi-E2	8-way Star Expander

Specification

Control and Interface

Keys	52 keys for DVR and dome control
Display	Alpha-numeric LCD display for menu and status
Control Output	DVR, RJ45 connector (RS485, power and video)
Loop input	RJ45 connector (RS485, power and video)
Dome output	x2 RJ45 connectors (RS485)
Monitor output	BNC, composite video
Video input	BNC, composite video (for up-the-coax control)
Control range	1000 metres
Baud rate	9600baud (8bits, no parity, 1stop)

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 200mA DC (PSU included)
Temperature (storage)	5 to 35deg C (operating), -10 to 40deg C
Humidity	5 to 90% non-condensing
Dimensions	300mm x 66mm x 150mm (WxHxD)
Weight	1.5kg

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