



Features

Vi-P14 Features

- Real time screen splitting
- Professional build quality, performance and reliability
- 4 camera inputs
- PAL video standard
- Multiple display formats, including wide-screen formats
 - ♦ Full screen
 - ♦ Quad
 - ♦ Picture-in-picture (PIP) - single, dual and triple
 - ♦ Vertical split, squish or cropped – dual, triple and quad
 - ♦ Horizontal, squish or cropped – dual, triple and quad
- Multi-screen BNC output (PAL)
- Spot full-screen BNC output (PAL)
- Multi-screen VGA output
- On-screen text
- User programmable titles
- Menu setup
- Time and date display
- Video loss detection
- Manufactured in the UK

Additional Vi-P14A features

- Display Formats
 - ♦ Vertical mirroring
 - ♦ Horizontal mirroring
 - ♦ Panning
 - ♦ User defined formats
- 4 Alarm inputs, relay output
- Password protected menus
- Remote control from keyboard or PC

Order Codes

- | | |
|---------|--|
| Vi-P14 | Quad video processor, multi-screen display |
| Vi-P14A | Quad video processor, multi-screen display, more formats, user defined formats |

Accessories

- | | |
|-----------|---------------------------------------|
| Vi-K1 | Remote keyboard |
| Vi-RA14 | Dual rack-mount adaptor |
| Vi-DPSU-1 | Distributed power supply (20 outputs) |
| Vi-SA1 | Configuration management software |

Overview

The Videoswitch Vi-P14 Video Processor accepts analogue video from four cameras or other video sources and combines some or all of the images onto one video output for display, transmission or recording. Each input channel is independently processed with the application of automatic gain control, colour/monochrome detection, retiming, scaling, inverting, cropping and panning.

A wide variety of output screen formats cater for diverse applications including C.C.T.V. control rooms, Police interviewing (dual and triple picture-in-picture), conferencing, corridor and platform monitoring (2,3 and 4 vertical splits). Optional motion detection and alarms further extend its capabilities. The Videoswitch brand assures the level of build quality and reliability demanded for professional applications.

Videoswitch, Ocean House, Redfields Industrial Park, Redfields Lane, Church Crookham, Hants GU52 0RD

www.videoswitch.co.uk

Tel: 01252-851510 Fax: 01252-851296 Email: sales@videoswitch.co.uk

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.



Vsd550i

Technical Data

Video Inputs

Camera inputs	4
Colour/Monochrome	Auto sense
Video gain	Auto (AGC)
Video resolution	720 x 576 pixels x 16.8 million colours (D1)
Video inputs	0.5 to 1V pk-pk, 75 Ohms (switchable via menu), composite PAL (BNC)
Image rate	50 fields per second (25 frames interlaced)

Video Outputs

Display resolution	720 x 576 pixels x 16.8 million colours
Main monitor output	1V pk-pk composite PAL (BNC)
Spot monitor output	1V pk-pk composite PAL (BNC)

Screen Formats

Predefined formats	Full screen, quad, PIP, dual PIP, triple PIP, vertical splits (x2, X3, X4) and horizontal splits (x2, X3, X4) with squish or pan and crop
Total number of formats	48 (all may be user defined in Vi-P14A)
Format controls	scale, pan, position, mirror, crop
Image borders	black or white
Unit title	User programmable, 16 characters, programmable position
Camera titles	User programmable, 16 characters, programmable position
Date and Time	Programmable position

Control and Interface

Auto sequencing	1-99 seconds, full and quad, main and spot monitors
Keypad	16 keys
Remote keyboard ports	1 port, RS485
Real-time clock	High accuracy, temperature compensated, battery backed
Passwords	Password protected menus
Computer configuration	Upload and download of all configuration settings allows easy management of multiple installed devices
Alarm inputs	4 inputs, normally open or normally closed volt-free contacts
Alarm relay	1 relay, 24Vdc, 200mA max normally open and closed
Alarm/motion response	Pull-up full screen display, sequence, activate relay
Watchdog timer	In the event of any unexpected condition, the system will automatically recover

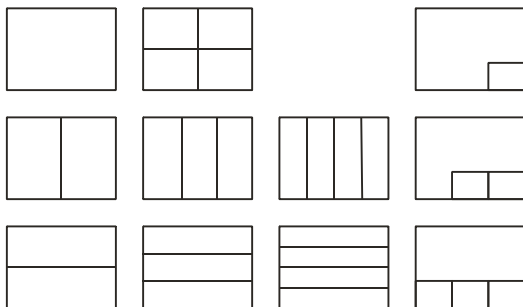
Power, Physical & Environmental

DC Power input	12VDC, 500mA
Temperature	5 to 35deg C (operating), -10 to 40deg C (storage)
Humidity	5 to 95% non-condensing
Dimensions/Weight (Unit)	180mm x 50mm x 200mm (WxHxD), 2kg
Dimensions/Weight (Boxed)	280mm x 150mm x 300mm (WxHxD), 4kg

Accessories Included

Power supply	90-265 Vac input, 12VDC 3.3A output
Cables	Mains (IEC/13A), CAT5 alarm cable (Vi-P14A)
Other accessories	Vi-X10 Alarm/Relay break-out module (Vi-P14A)

Vi-P14 Screen Formats



Vi-P14A Additional Screen Formats



User programmable

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