Videoswitch

Vi-R4105
H264 real-time Hybrid DVR

Key Features

- Up to 32 IP Cameras, up to 5 MPixels
- 16 analogue camera inputs
- 16 audio inputs
- Real-time 4CIF (D1) recording on all analogue cameras
- High definition HDMI and VGA monitor outputs
- 4 BNC main and spot monitor outputs
- Independent multi-screens on VGA and BNC output
- Dual removable hard drives, up to 8Tbytes
- Activity, alarms, covert, timers, ethernet, passwords
- Smart activity search
- Built-in keyboard, with
- Mouse control of graphical user interface (GUI)
- Mouse emulator allows keyboard to control GUI
- Touch screen control
- Built-in DVD writer
- USB backup
- Web browser interface
- Remote viewer
- Smart-phone apps
- Cascade up to 16 DVRs (256 cameras)
- Common keyboard control of multiple DVRs
- Single mouse control of multiple DVRs
- Single VGA monitor for multiple DVRs
- Compatible with Vi-K1 and Vi-K2 keyboards
- Compatible with Vi405
- Rack-mount option

Order Codes

Vi-R4105-T2	Hybrid DVR, 16 cameras, 2 Tbytes
Vi-R4105-T4	Hybrid DVR, 16 cameras, 4 Tbytes
Vi-R4105-T8	Hybrid DVR, 16 cameras, 8 Tbytes
Vi-K1A	Remote keyboard
Vi-K2A	Remote Joystick Controller
Vi-RA11	Rackmount adaptor
Vi-Viewer4000	Remote viewer and video management system

Specification

Video
Video Compression	H.264
Video Input	16-ch, BNC, 1.0 Vp-p
Termination	75Ω switchable
Video format	PAL/NTSC
BNC outputs	4-ch, 704×576 (PAL)
VGA/HDMI Outputs	1920×1080P/60Hz, 1600×1200/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz
Screen formats	Full screen, 2x2, 1+6, 1+7, 3x3, 4x4

Network Cameras
IP Cameras	Up to 32
Compatibility	Videoswitch IP Cameras, list available for other makes

Audio
Audio Inputs	16-ch, 2.0 Vp-p, 1 kΩ
Audio output	2-ch, 600Ω
Two-way Audio	2.0Vp-p, 1kΩ
Audio Compression	OggVorbis
Audio Bit Rate	16kbps

Recording
Analogue and IP cameras	32 maximum
Recording formats	4CIF(D1), 2CIF, CIF, QCIF
Frame rate per camera	1/16 to 25 fps
Video Bit Rate	32K to 8M bits per second
Sub-stream	CIF, QCIF up to 25 fps
Pre and post alarm	5s default, programmable
Time-lapse recording	1, 2, 3, 4, 5 seconds
Scheduling timers	Yes
Activity detection	Yes

Playback
Multi-channel playback	16-ch
Playback rate	Single step, variable speed, forward/reverse
Search	Date/time, alarms, activity, retrospective activity

Storage
Removable hard discs	x2, up to 8Tbytes SATA
Hard disc expansion	eSATA
DVD/CD backup	Built-in write (also plays back)

Network
Network Interface	RJ45 10M/100M/1000M Ethernet
Remote access	Web browser, Vi-Viewer4000, iPod, Android

Interface
Keyboards	x4, RS485 (can control multiple DVRs)
Video via CAT5	Each keyboard has BNC video output
Alarm Inputs	16-ch
Alarm Outputs	4-ch relays
Mouse	USB (can control multiple DVRs)
Backup	USB 2.0
RS485 dome control	4-ch, Pelco-D, Pelco-P and other protocols
Coax dome control	BBV
Graphical user interface	Can be controlled by mouse or keyboard

Power, Physical and Environmental
Power input	IEC, 100~240VAC, 2A, 50~60Hz
Power consumption	100W max
Temperature	0 to 35deg C operating, -10 to 40deg C(storage
Humidity	10 to 90% non-condensing
Dimension	355mm x 105mm x 400mm (WxHxD)
Weight	6kg

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