



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 16Tbytes
- 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
- Built-in DVD writer for backup (selected cameras)
- USB backup (selected cameras)
- Web browser viewing and management (PC and MAC)
- Free remote viewers
- Free smart-phone apps (Apple and Android)
- 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, Vi-K2(A), Vi-K1000 and Vi-K2000
- Compatible with Vi405
- Rack-mount option

Order Codes

Vi-R4105-T1	Hybrid DVR, 16 cameras, 1 Tbytes
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-R4105-T16	Hybrid DVR, 16 cameras, 16 Tbytes
Vi-RA11	Rackmount adaptor
Vi-Viewer1000	Remote viewer software
Vi-Viewer4000	Remote viewer and video management system

Specification

Video

Video Compression	H.264
Video Input	16-ch, BNC, 1.0 Vp-p, PAL/NTSC
Termination	75Ω switchable
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 1.3Mpixel, 2Mpixel, 3Mpixel, 5Mpixel. 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
Analogue cameras	4CIF(D1), 2CIF, CIF, QCIF
IP cameras	1.3Mpixels, 2Mpixels, 3Mpixels, 5Mpixels
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
Internal hard discs	x2, up to 8Tbytes SATA
Hard disc expansion	eSATA
DVD/CD backup	Built-in writer (also plays back)
USB Backup	USB 2.0

Network

Network Interface	x2, RJ45 10M/100M/1000M Ethernet
Remote access	Web browser, , Vi-Viewer1000, Vi-Viewer4000, Apple, 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, backup	x2 USB (mouse can control multiple DVRs)
RS485 dome control	4-ch, Pelco-D, Pelco-P, Lilin1, Lilin2, Mercer, Dennard, JVC, CMOR5000 etc
Coax dome control	BBV up-the-coax
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	7kg