



Key Features

- Real-time 4CIF (D1) recording on all cameras
- Can be upgraded to Hybrid IP recorder
- 16 camera inputs
- 16 audio inputs
- 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
- 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 keyboards
- Compatible with Vi405
- Rack-mount option

Order Codes

Vi-R4005-T1	DVR, 16 cameras, 1 Tbytes
Vi-R4005-T2	DVR, 16 cameras, 2 Tbytes
Vi-R4005-T4	DVR, 16 cameras, 4 Tbytes
Vi-R4005-T8	DVR, 16 cameras, 8 Tbytes
Vi-R4005-T16	DVR, 16 cameras, 16 Tbytes

Vi-RA11	Rackmount adaptor
Vi-K1000	Remote Keyboard
Vi-K2000	Joystick Keyboard
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
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

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

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
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