



Key Features

- 16 IP Cameras, up to 5 MPixels
- 8 analogue camera inputs
- Real-time 960h, 4CIF, 2CIF analogue recording
- 1.3, 2, 3, 5Mpixel IP recording
- High definition HDMI and VGA monitor outputs
- Independent BNC monitor output
- Dual removable hard drives, up to 8Tbytes
- Audio
- 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)
- Compatible with Vi-K2000 and Vi-K1000 keyboards
- Rack-mount option

VGA Sender Models

- Remote VGA at keyboards
- Remote USB mouse at keyboards
- Common keyboard control of multiple DVR's
- Common mouse control of multiple DVR's
- Common VGA monitor(s) for multiple DVR's

Order Codes

Vi-R3115-T1	Hybrid DVR, 16ch, 1 Tb
Vi-R3115-T2	Hybrid DVR, 16ch, 2 Tb
Vi-R3115-T4	Hybrid DVR, 16ch, 4 Tb
Vi-R3115-T8	Hybrid DVR, 16ch, 8 Tb
Vi-R3115V-T1	Hybrid DVR, 16ch, VGA sender, 1 Tb
Vi-R3115V-T2	Hybrid DVR, 16ch, VGA sender, 2 Tb
Vi-R3115V-T4	Hybrid DVR, 16ch, VGA sender, 4 Tb
Vi-R3115V-T8	Hybrid DVR, 16ch, VGA sender, 8 Tb
Vi-K1000	Keyboard, mouse & VGA output
Vi-K2000	Joystick Keyboard, mouse & VGA output
Vi-RA11	Rackmount adaptor
Vi-Viewer1000	Remote viewer software
Vi-Viewer4000	Remote viewer and video management system

Specification

Analogue Video/Audio

Analogue video inputs	8
Video Compression	H.264
Video Input	BNC, 1.0 Vp-p, PAL/NTSC, 75Ω termination
Audio input	2.0 Vp-p, 1 kΩ

Network Cameras

IP video inputs	16
Camera resolution	1.3Mpixel, 2Mpixel, 3Mpixel, 5Mpixel
Compatibility	Videoswitch, ONVIF, list available for other makes
Incoming bandwidth	40Mbits/sec

Video/Audio Outputs

VGA/HDMI Outputs	1920x1080 (1080P), 1600x1200, 1280x1024, 1280x720, 1024x768
BNC outputs	1-ch, 704x576 (PAL)
Screen formats	Full screen, 2x2, 1+6, 1+7, 3x3, 4x4
Audio output	1-ch, 1KΩ
Two-way Audio	2.0Vp-p, 1kΩ
Audio Compression	OggVorbis
Audio Bit Rate	64kbps

Recording

Analogue and IP cameras	16 maximum
Analogue record formats	960h, 4CIF, 2CIF, CIF, QCIF
IP record formats	1.3Mpixels, 2Mpixels, 3Mpixels, 5Mpixels
Frame rate per camera	1/16 to 25 fps
Video Bit Rate	32K to 3M bits per second
Sub-stream	CIF, QCIF up to 25 fps
Pre and post alarm	5s default, programmable
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, tag, retrospective activity

Storage

Removable hard discs	x2, up to 8Tbytes SATA
DVD/CD backup	Built-in writer (also plays back)
USB backup	USB 2.0

Network

Network Interface	RJ45 10M/100M/1000M Ethernet
Remote access	Web browser PC & MAC, Vi-Viewer1000, Vi-Viewer4000, Apple, Android

Interface

Keyboard	1-ch, RS485, BNC video over CAT5
Alarm Inputs	8-ch
Alarm Outputs	4-ch relays
Mouse, backup	x2 USB
RS485 dome control	Pelco-D, Pelco-P, mouse control
Graphical user interface	Can be controlled by mouse or keyboard

VGA Sender Models

Keyboards	2-ch, RS485, VGA over CAT5
VGA sender	2-ch remote VGA at keyboard, 100m
Mouse sender	Remote USB mouse at keyboard, 100m
Keyboard dome control	Pelco-D, Pelco-P, CMOR5000, joystick
Cascading	up to 16 DVRs, cascades VGA (using keyboard)

Power, Physical and Environmental

Power input	IEC, 100~240VAC, 2A, 50~60Hz
Power consumption	50W max
Temperature	0 to 35deg C operating, -10 to 40deg C(storage)
Humidity	10 to 90% non-condensing
Dimensions	355mm x 105mm x 300mm (WxHxD)
Weight	4kg