



Product Overview

The Vi-R7416 Turbo recorder supports all 3 popular formats HD-TVI, CVBS (PAL), and IP. This is an ideal recorder for people wanting to upgrade to HD and re-use existing RG59 cabling. Support for 720P and 1080P HD-TVI cameras make this an obvious choice when considering any HD system.

The Vi-R7416 is ideal for applications in Retail, Health, Public Sector, Residential, Education and Business.

Key Features

- HD-TVI and standard analogue cameras supported
- 2 x IP cameras up to 2.0MP supported
- Coaxitron protocol supported
- RS-485 telemetry, multiple protocols supported
- Audio input/output
- High definition HDMI and VGA monitor output
- Activity, alarms, covert, timers, ethernet, passwords
- Lock event files so they are not over-written
- External NAS drives supported
- Remote control included
- Mouse control of graphical user interface
- USB backup or DVD (with Vi-E20)
- Vi-K1080HD HD keyboard supported
- Web browser interface PC and MAC
- Free remote viewers, Vi-Viewer1000, Vi-Viewer4000
- Free smart-phone apps (Apple and Android)

Order Codes

Vi-R7416T1	HD-TVI, 16 cameras, 2 IP, 1 Tbytes
Vi-R7416T2	HD-TVI, 16 cameras, 2 IP, 2 Tbytes
Vi-R7416T4	HD-TVI, 16 cameras, 2 IP, 4 Tbytes
Vi-R7416T8	HD-TVI, 16 cameras, 2 IP, 8 Tbytes
Vi-R7416T12	HD-TVI, 16 cameras, 2 IP, 12 Tbytes

Options

Vi-K1080HD	Remote controller with HDMI output
Vi-E20	External DVD writer

Specification

Video

Video Compression	H.264
Video Input	16-ch BNC, 1.0 Vp-p
Supported cameras	720P/25, 720P/30, 720P/50, 720P/60 1080P/25, 1080P/30, CVBS (PAL/NTSC)
IP Video inputs	2 x IP cameras up to 2.0 MP resolution
Termination	75Ω
VGA/HDMI Outputs	1920×1080P/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz
Screen formats	Full screen, 2x2, 1+6, 1+7, 3x3, 4x4, 5x5, 6x6

Audio

Audio Input	1-ch, RCA 2.0 Vp-p, 1 kΩ
Audio Output	1-ch, RCA (Linear, 1kΩ)
Audio compression	G.711u
Audio bitrate	64Kbps

Recording

Main stream	1080P(non real-time), 720P, VGA, 960H, 4CIF, CIF
Sub stream	960H & 4CIF(non real-time), CIF, QCIF, QVGA
Max frame rate per camera	1/16 fps - Real time frame rate
Video Bit Rate	32K to 6 Mbps
Stream type	Video, Video & Audio
Scheduling timers	Yes
Activity detection	Yes

Playback

Multi-channel playback	16-ch
Playback resolution	1080P/ 720P/ VGA/ 960H/ 4CIF/ CIF/QVGA/QCIF
Playback rate	Single step, variable speed, forward/reverse
Search	Date/time, alarms, activity

Storage

Hard disc	2 x SATA up to 6Tbytes
USB backup	USB incident backup (also plays back)

Network

Network Interface	RJ45 10M/100M/ 1000m self- adaptive Ethernet
Remote connections	128
Remote access	Web browser PC & MAC, Vi-Viewer1000, Vi-Viewer4000, Apple & Android App's
Dual stream	Supported

Interface

PTZ Dome Control	RS485, PelcoD, PelcoP, Coaxitron protocols etc
Remote Keyboard	Compatible with Vi-K1080HD
Mouse	USB 2.0
Backup	USB 2.0

Power, Physical and Environmental

Power input	12VDC, 30W
Temperature	0 to 35deg C operating, -10 to 40deg C(storage)
Humidity	10 to 90% non-condensing
Dimensions	380mm x 48mm x 290mm (WxHxD)
Weight	3kg

Accessories Supplied

Mains power adaptor	Input: 240VAC, 50~60Hz, Output: 12V DC
Mouse & IR remote controller	