

## Specification



## Key Features

- HD-TVI / Analogue / IP Camera, triple hybrid
- 16 camera inputs, HD-TVI or BNC (PAL)
- Real-time 1080P, 720P, 960h, 4CIF, 2CIF recording
- High definition HDMI and VGA monitor outputs
- Independent BNC monitor output
- 2 IP camera inputs, up to 6Mpixels
- Audio 4-channel input
- Activity, alarms, covert, timers, ethernet, passwords
- Smart activity search
- Built-in keyboard
- Mouse control of graphical user interface (GUI)
- USB or DVD backup (selected cameras)
- eSATA drive option
- Cascade feature, controlled with Vi-K5000
- Web browser viewing and management (PC and MAC)
- Free remote viewers, Vi-Viewer1000 & Vi-Viewer4000
- Free smart-phone App's (Apple and Android)
- Compatible with Vi-K1080HD keyboard
- Rack-mount option

## Order Codes

<b>Vi-R7616T1</b>	H264 DVR, 16ch, 1 Tb
<b>Vi-R7616T2</b>	H264 DVR, 16ch, 2 Tb
<b>Vi-R7616T4</b>	H264 DVR, 16ch, 4 Tb
<b>Vi-R7616T8</b>	H264 DVR, 16ch, 8 Tb
<b>Vi-R7616T12</b>	H264 DVR, 16ch, 12 Tb
<b>Vi-R7616-T18</b>	H264 DVR, 16ch, 18 Tb
<b>Vi-R7616-T24</b>	H264 DVR, 16ch, 24 Tb

## Option

<b>Vi-K1080HD</b>	<b>HD Remote control keyboard</b>
<b>Vi-K5000</b>	<b>Rs485 Joystick keyboard</b>

<b>Video/Audio inputs</b>	
Analogue video inputs	16
Video Compression	H.264
Video Inputs	1080P25, 1080P30, 720P25, 720P30, 720P50 BNC, 1.0 Vp-p, PAL/NTSC, 75Ω termination
Audio compression	G.711u
Audio input	4-channel, RCA, 2.0 Vp-p, 1 kΩ
Two-way Audio	1-channel, RCA, 2.0Vp-p, 1kΩ
IP camera inputs	2 IP camera inputs, up to 6 Mpixels 25fps
<b>Video/Audio Outputs</b>	
VGA/HDMI Outputs	1920x1080 (1080P), 1280x1024, 1280x720 (720P), 1024x768
BNC outputs	1-ch, 704x576 (PAL)
Screen formats	Full screen, 2x2, 1+6, 1+7, 3x3, 4x4
Audio output	2-ch, RCA 1kΩ
Audio Compression	OggVorbis
Audio Bit Rate	64kbps
<b>Recording</b>	
Analogue and IP cameras	18 maximum
Analogue record formats	1080P, 720P, 960h, 4CIF, 2CIF, CIF, QCIF
Frame rate per camera	1/16 to 25 fps
Video Bit Rate	32K to 10M bits per second
Sub-stream	CIF, QCIF up to 25 fps
Pre and post alarm	5s default, programmable
Scheduling timers	Yes
Activity detection	Yes
<b>Playback</b>	
Multi-channel playback	16-ch
Playback rate	Single step, variable speed, forward/reverse
Search	Date/time, alarms, activity, tag, retrospective activity
<b>Storage</b>	
Hard discs	x3, up to 18Tbytes x4, up to 24Tbytes
DVD/CD backup	Built-in writer (also plays back)
USB backup	USB 2.0
eSATA	x1 eSATA interface (no eSATA if 24TB)
<b>Network</b>	
Network Interface	RJ45 10M/100M/1000M Ethernet
Remote access	Web browser PC & MAC, Vi-Viewer1000, Vi-Viewer4000, Vi-K1080HD, Apple, Android
Remote connections	128
<b>Interface</b>	
Keyboard	1-ch, Rs485
Alarm Inputs	16-inputs
Alarm Outputs	4-outputs
Mouse, backup	x3 USB 2.0
RS485 dome control	Pelco-D, Pelco-P, plus many more protocols. Coaxitron coax PTZ control
Graphical user interface	Can be controlled by mouse or keyboard
<b>Power, Physical and Environmental</b>	
Power input	IEC, 100~240VAC, 5A, 50~60Hz
Power consumption	55W max
Temperature	-10 to 55deg C operating
Humidity	10 to 90% non-condensing
Dimensions	455mm x 70mm x 390mm (WxHxD)
Weight	5kg

