



Key Features

- 16 IP Cameras, up to 12 Mpixels
- 1.3, 2, 3, 5, 6, 12Mpixel IP recording
- High definition HDMI and VGA monitor outputs
- Easy IP automatically finds and adds IP cameras
- 16 PoE Ethernet Interfaces
- Hard drives, up to 24Tbytes
- Audio recording
- Activity, alarms, covert, timers, ethernet, passwords
- Smart activity search
- Remote control
- Mouse control of graphical user interface (GUI)
- USB backup (selected cameras)
- Web browser viewing and management (PC and MAC)
- Free remote viewers, Vi-Viewer1000 & Vi-Viewer4000
- Free smart-phone Apps (Apple and Android)
- Rack-mount option

Order Codes

| | |
|--------------------|------------------|
| Vi-R5516T1 | NVR, 16ch, 1 Tb |
| Vi-R5516T2 | NVR, 16ch, 2 Tb |
| Vi-R5516T4 | NVR, 16ch, 4 Tb |
| Vi-R5516T8 | NVR, 16ch, 8 Tb |
| Vi-R5516T12 | NVR, 16ch, 12 Tb |
| Vi-R5516T16 | NVR, 16ch, 16 Tb |
| Vi-R5516T24 | NVR, 16ch, 24 Tb |

Option

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|-------------------|-------------------------------------|
| Vi-K1080HD | HD Remote control keyboard |
| Vi-K5000 | R-Series RS-485 Joystick Controller |

Specification

Network Cameras

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|--------------------|---------------------------------------|
| IP video inputs | 16 |
| Camera resolution | 1.3Mp, 2Mp, 3Mp, 5Mp, 6Mp, 12Mp |
| Compatibility | ONVIF, list available for other makes |
| Incoming bandwidth | 160Mbits/sec |

Video/Audio Outputs

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|-------------------|---|
| VGA/HDMI Outputs | 1920x1080 (1080P), 1600x1200, 1280x1024, 1280x720, 1024x768 |
| BNC Output | 1-Channel BNC, (1.0 Vp-p, 75Ω) |
| Screen formats | Full screen, 2x2, 1+6, 1+7, 3x3, 4x4 |
| Audio output | 2-ch, BNC, 600Ω |
| Two-way Audio | 1-Channel BNC, 2.0Vp-p, 1kΩ |
| Audio Compression | OggVorbis |
| Audio Bit Rate | 64kbps |

Recording

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|-----------------------|---------------------------------|
| IP cameras | 16 maximum |
| IP record formats | 1.3Mp, 2Mp, 3Mp, 5Mp, 6Mp, 12Mp |
| Frame rate per camera | 1/16 to 25 fps |
| Sub-stream | 4CIF, CIF, QCIF up to 25 fps |
| Pre and post alarm | 5s default, programmable |
| Scheduling timers | Yes |
| Activity detection | Yes |

Playback

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|------------------------|--|
| Multi-channel playback | 16-ch |
| Playback rate | Single step, variable speed, forward/reverse |
| Search | Date/time, alarms, activity, tag, retrospective activity |

Storage

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|---------------------|---------------------------------|
| Internal hard discs | x4, up to 24Tbytes |
| USB | x2 USB 2.0, x1USB 3.0 |
| Capacity | Up to 6TB capacity for each HDD |

Network

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|--------------------|--|
| Network Interface | RJ45 10M/100M/1000M Ethernet |
| Remote access | Web browser PC & MAC, Vi-Viewer1000, Vi-Viewer4000, Apple, Android |
| Remote connections | 128 |

PoE

| | |
|--------------------|---|
| Interface | 16 independent 100 Mbps PoE Ethernet interfaces |
| Easy IP | PoE inputs automatically find and add cameras |
| Output power | 200W |
| Supported standard | AT and AF |

Interface

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|--------------------------|---------------------|
| Serial interface | 1-ch, RS485, RS-232 |
| Mouse, backup | x3 USB |
| Graphical user interface | Controlled by mouse |
| Alarm in | 16 |
| Alarm out | 4 |

Power, Physical and Environmental

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|-------------------|--|
| Power input | IEC, 100~240VAC, 6.3A, 50~60Hz |
| Power consumption | 40W max |
| Temperature | 0 to 35deg C operating, -10 to 40deg C storage |
| Humidity | 10 to 90% non-condensing |
| Dimensions | 445mm x 70mm x 390mm (WxHxD) |
| Chassis | 19 inch rack-mounted 1.5U |
| Weight | 5kg(without HDD's) |