



Overview

VIDEOTEKNIKA 500 Series Full HD TVI 1080p DVR is robust and reliable range of Digital Video Recorders with Full HD 1080p local display capability and Real time recording playback, With 1ch Audio In & 1 Channel audio output. The VT504TVI ensures unlevelled video recording quality in multiple applications on an open platform in live and also in playback. The VT504TVI has the ability to accept 1 Hard Disks allowing recording capacity of up to 6TB. Backup facility is available via the network, USB

Supported Cameras

The VT504TVI supports all Videoteknika Professional Cameras and is fully compatible with its own software. Within the Videoteknika range various video encoders and video decoders are available to further more expand the flexibility for the system integrator and ensure total system synchronization. Each channel on-board the DVR allows for dual streaming with the mainstream supporting up to 1080p of recording resolution. Various alarm inputs and outputs are also available on the DVR.

Storage Features

The VT504TVI supports up to 6TB (1 HDD's x 6TB each) which allows for individual channel recording allocation ensuring the right data capacity is assigned through the relative camera depending on its resolution. Instant playback is also possible via the Videoteknika reverse instant playback capability which is unique to Videoteknika DVRs.

Main Features

- 4 channels FULL HD TVI 1080p DVR
- H.264+/H.264Dual-stream video compression
- Support HD-TVI, IPC,AHD and analog cameras
- Recording @ 1080p resolution
- Synchronous playback at 1080p resolution
- Two-way audio
- Simultaneous HDMI, VGA & BNC outputs
- Upto 6TB (1 SATA HDDs x 6TB each)
- RS-485 for PTZ control
- Playback at up to 256X
- Ethernet support for remote access
- HDMI & VGA (Full HD 1080p) output
- Local Data Export via Network / USB
- 1ch Audio In & 1ch Audio Out

Professional CCTV Solutions

VT504TVI

Full HD 1080p Standalone DVR

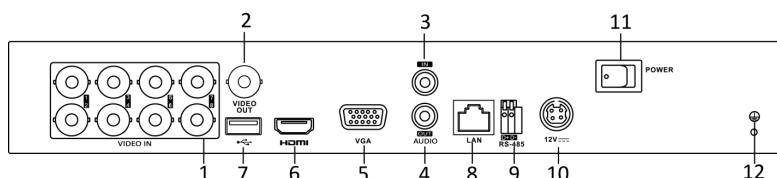


Specifications

| DVR Model | VT504TVI |
|----------------------|---|
| Features | |
| Video Compression | H.264+/H.264 |
| Video Input | 4 ch, BNC |
| Video Output | 1 x VGA, 1 x HDMI, 1 x BNC |
| IP Video Input | 1 ch Up to 2MP |
| Audio Input / Output | 1 ch / 1 ch |
| Resolution | Full HD 1080p |
| Playback Resolution | 1920 X 1080/60Hz, 1280 X 1024/60Hz, 1280 X 720/60Hz, 1024 X 768/60Hz |
| Encoding resolution | 1080p/720p/VGA/WD1/4CIF |
| Frame Rate | Main stream @ 1/16 fps (real time) Sub-stream @ WD1/4CIF (12fps) |
| CVBS output | 1-ch, BNC (1.0 Vp-p, 75 Ω) |
| Video Bitrate | 32 Kbps ~ 6Mbps |
| Audio Bitrate | 64 Kbps |
| Stream Type | Video, Video & Audio |
| SATA HDD's | Upto 6TB (1 SATA HDD's x 6TB each) |
| Synchronous Playback | 4 ch |
| USB Ports | 2 x USB 2.0 port |
| Backup | USB Device / Network |

| DVR Model | VT504TVI |
|-----------------------------|--|
| Features (Continued) | |
| Ethernet | 1 x RJ-45 10M / 100M Self-Adaptive Ethernet Interface |
| RS-485 | 1 x RS-485 for PTZ Control |
| Protocol | TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS |
| Remote users | Up to 128 users maximum access |
| Remote stations | PC, mobile phone, PDA, and/or tablet PC |
| Environmental | |
| Operating Temperature | -10 °C ~ 55 °C (14 °F ~ 131 °F) |
| Humidity | >90% |
| Electrical | |
| Input Voltage | DC 12V |
| Power Consumption | ≤ 15 W |
| Physical | |
| Dimensions | 1U casing = 315(W) x 242(D) x 45(H)mm |
| Weight | 2.1 Kg (4.62 lbs) |

Technical Diagram



| Real Panel |
|-----------------------------|
| 1. Video In |
| 2. Video Out |
| 3. Audio In, Rca Connector |
| 4. Audio Out, Rca Connector |
| 5. VGA Interface |
| 6. HDMI Interface |
| 7. USB Port |
| 8. Network Interfaces |

| Real Panel (Continue) |
|--|
| 9. RS-485 Serial Interface, Keyboard Interface |
| 10. DC 12V Power Input |
| 11. Power Switch |
| 12. GND |

Ordering Information

| DVR Model | Digital Video Recorder Details |
|-----------------|---|
| VT504TVI | 4-Ch, FULL HD 1080p Recording Quality, Up to Max. 6TB of HDD space, H.264+, Dual Streaming, Simultaneous HDMI, VGA (Full HD 1080p) & CVBS outputs, Local Data Export, Network, Alarm, Audio, Various Backups. |