

TVI TURBO 3.0 DVRS



Resolution



Compression



Pentaplex



HDD Rack



Dual Stream



USB Backup



Interface

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 VT516TVI ensures unrivaled video recording quality in multiple applications on an open platform in live and also in playback. The VT516TVI has the ability to accept 1 Hard Disk allowing recording capacity of up to 6TB. Backup facility is available via the network, USB

Supported Cameras

The VT516TVI 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 VT516TVI 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

- 16 channels FULL HD TVI 1080p DVR
- H.264+ / H.264 Dual-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

VT516TVI

Full HD 1080p Standalone DVR



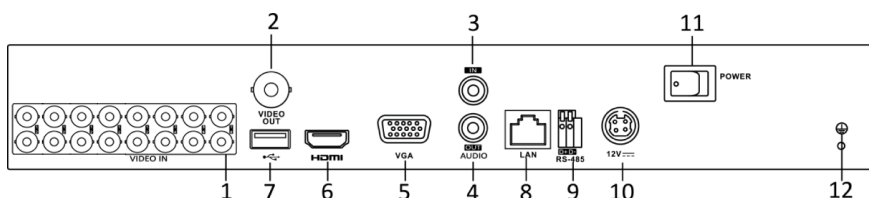
Specifications

DVR Model	VT516TVI
Features	
Video Compression	H.264+/H.264
Video Input	16ch, BNC
Video Output	1 x VGA, 1 x HDMI, 1 x BNC
IP Video Input	2 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	16 ch
USB Ports	2 x USB 2.0 port
Backup	USB Device / Network

DVR Model	VT516TVI
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	≤ 20 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
VT516TVI	16-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.