

TVI TURBO 3.0 DVRS



Overview

VIDEOTEKNIKA 700 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 4ch Audio In & 1 Channel audio output. The VT716HS ensures unlevelled video recording quality in multiple applications on an open platform in live and also in playback. The VT716HS has the ability to accept 2 Hard Disks allowing recording capacity of up to 12TB. Backup facility is available via the network, USB

Supported Cameras

The VT716HS 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 VT716HS supports up to 12TB (2 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 Dual-stream video compression
- Support HD-TVI, IPC and analog cameras
- Recording @ 1080p resolution
- Synchronous playback at 1080p resolution
- Two-way audio
- Simultaneous HDMI & VGA
- HDMI, VGA and BNC Spot output
- Upto 12TB (2 SATA HDDs x 6TB each)
- RS-485 for PTZ control
- Ethernet support for remote access
- HDMI & VGA (Full HD 1080p) output
- Local Data Export via Network / USB
- 4 ch Audio In & 1ch Audio Out
- 16ch Alarm In & 4ch Alarm Out

Professional CCTV Solutions

VT716HS

Full HD 1080p Standalone DVR



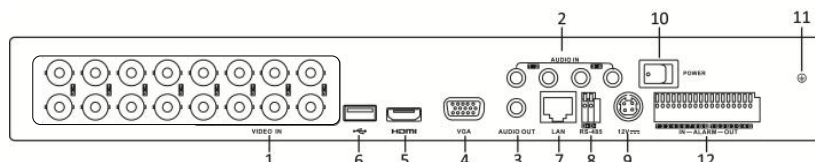
Specifications

DVR Model	VT716H
Features	D
Video Compression	H.264
Video Input	16ch, BNC
Video Output	1 x VGA, 1 x HDMI, 1 x BNC SPOT
IP Video Input	2ch Up to 1080p
Audio Input / Output	4 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	Main stream: 1080p / 720p / WD1 / VGA / 4CIF Sub-stream: WD1 / 4CIF
Frame Rate	Main stream / Sub-stream @ 1
Alarm Input / Output	16ch In / 4ch Out
Video Bitrate	32 Kbps ~ 10Mbps
Audio Bitrate	64 Kbps
Stream Type	Video, Video & Audio
SATA HDD's	Upto 12TB (2 SATA HDD's x 6TB each)
Synchronous Playback	16 ch
USB Ports	2 x USB 2.0 port

DVR Model	VT716HS
Features (Continued)	
Backup	USB Device / Network
Ethernet	1 x RJ-45 10M / 100M / 1000M Self-Adaptive Ethernet Interface
Serial Interface	1 RS-485 & 1 RS-485 keyboard
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	≤ 45W
Physical	
Dimensions	1U casing = 380(W) x 290(D) x 48(H)mm
Weight	2.1 Kg (4.62lbs)

Technical Diagram



Real Panel
1. Video In
2. Audio In, Rca Connector
3. Audio Out, Rca Connector
4. VGA Interface
5. HDMI Interface
6. USB Port
7. Network Interface
8. RS-485 Serial Interface

Real Panel (Continue)
9. DC 12V
10. Power Switch
11. GND
12. Alarm In & Alarm Out

Ordering Information

DVR Model	Digital Video Recorder Details
VT716HS	16-Ch, FULL HD 1080p Recording Quality, Up to Max. 12TB of HDD space, H.264, Dual Streaming, Simultaneous HDMI, VGA (Full HD 1080p), Local Data Export, Network, Alarm, Audio, Various Backups.