

# 16CH PHD SERIES



- 720p@480fps Playback
- Dual Streaming
- H.264 / DC 12V

*Automatically Detects HD-TVI & Analog & 960H Cameras*



REAR PANEL

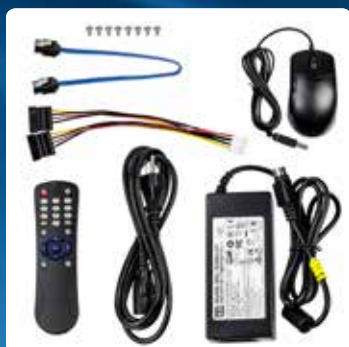
**FREE**  
DDNS SERVICE

**HDMI**  
OUTPUT

## FEATURES

- H.264 & Dual-Stream Video Compression
- Support HD-TVI/Analog/IP Camera Triple Hybrid
- Support both HD-TVI & Analog cameras with adaptive access
- Full Channel@720P Resolution Real-Time Recording
- HDMI & VGA Output at up to 1920×1080P Resolution
- Long transmission distance over coax cable
- Support up to 16Ch Synchronous Playback at 1080P Resolution

## ACCESSORIES



**SMART  
PHONE  
COMPATIBLE**

Guarding Expert



## TVST PHD-16T

VIDEO/AUDIO INPUT	
Video Compression	H.264
Analog & HD-TVI Video Input	16Ch / BNC Interface (1.0Vp-p, 75Ω)
Supported Camera Types	720P25, 720P30, 720P50, 720P60, 1080P25, 1080P30, CVBS
Audio Compression	G.711u
Audio Input/Two-way Audio In	1-ch, RCA (2.0 Vp-p, 1 KΩ)
VIDEO/AUDIO OUTPUT	
HDMI/VGA Output	1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz
Encoding Resolution	Main stream: 1080P(non-real-time) / 720P / VGA / WD1 / 4CIF / CIF Sub-stream: WD1(non-real-time) / 4CIF(non-real-time) / CIF / QCIF / QVGA
Frame Rate	Main stream: 1/16 fps ~ Real time frame rate Sub-stream: 1/16 fps ~ Real time frame rate
Video Bitrate	32 Kbps-6 Mbps
Audio Output	1-ch, RCA (Linear, 1KΩ)
Audio Bitrate	64 Kbps
Dual Stream	Support
Stream Type	Video, Video & Audio
Synchronous Playback	16Ch
Playback Resolution	1080P / 720P / VGA / WD1 / 4CIF / CIF / QVGA / QCIF
NETWORK MANAGEMENT	
Remote Connections	128
Network Protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS
HARD DISK	
SATA	2 SATA Interfaces
Capacity	Up to 4 TB capacity for each disk
EXTERNAL INTERFACE	
Network Interface	1; 10M / 100M / 1000M self-adaptive Ethernet interface
Serial Interface	1; standard RS-485 serial interface, half-duplex
USB Port	2 x USB 2.0
GENERAL	
Power Supply	12V DC
Consumption (without hard disks)	≤ 20W
Working Temperature	-10 °C ~ +55 °C (14 °F ~ 131 °F)
Working Humidity	10%~90%
Chassis	1U chassis
Dimensions (W x D x H)	315 × 242 × 45mm (12.4 × 9.5 × 1.8 inch)
Weight (without hard disks)	≤ 1.5kg (3.3lb)

HDD INSTALLATION AVAILABLE UPON REQUEST  
IR REMOTE & MOUSE INCLUDED

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