

# HTVR-1640HT4

HD TVI DVR



## KEY FEATURES

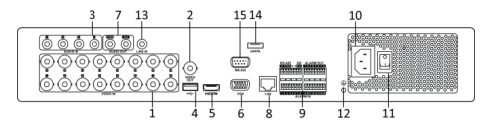
- H.264 & Dual-stream video compression
- Support both HD-TVI and analog cameras with adaptive access
- Full channel@1080P resolution real-time recording
- HDMI and VGA output at up to 1920x1080P resolution
- Long transmission distance over coax cable
- Support up to 16-ch synchronous playback at 1080P resolution
- 4 SATA & 1 eSATA



SPECIFICATION	HTVR-1640HT4
Video/audio input	
Video compression	H.264
Analog and HD-TVI video input	16-ch BNC interface (1.0Vp-p, 75 Ω)
Supported camera types	720P25, 720P30, 720P50, 720P60, 1080P25, 1080P30, CVBS
Audio compression	G.711u
Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)
Two-way audio in	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Incoming bandwidth	
HDMI / VGA output	1920 x 1080 / 60 Hz, 1280 x 1024 / 60 Hz, 1280 x 720 / 60 Hz, 1024 x 768 / 60 Hz
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 x 576, NTSC: 704 x 480
Encoding resolution	Main stream: 1080P / 720P / VGA / 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-10 Mbps
Audio output	2-ch, RCA (Linear, 1Kft, for VGA output and CVBS output respectively)
Audio bitrate	64 Kbps
Dual-stream	Support
Stream type	Video, Video & Audio
Synchronous playback	4-ch 8-ch 16-ch
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	
Type	4 SATA interfaces for 4 HDDs; 1 eSATA interface
Capacity	Up to 4 TB capacity for each disk
External interface	
Network interface	1; 10M / 100M / 1000M self-adaptive Ethernet interface
Serial interface	RS-232, RS-485, Keyboard
USB port	3 x USB2.0
Alarm in / out	16 / 4
General	
Power supply	100 ~ 240VAC, 47 ~ 63HZ
Consumption (without hard disks)	< 30W < 40W < 55W
Working temperature	-10 °C ~ +55 °C (14 °F ~ 131 °F)
Working humidity	10% ~ 90%
Chassis	19-inch rack-mounted 1.5U chassis
Dimensions (W x D x H)	445 x 390 x 70 mm (17.5 x 15.3 x 2.7 inch)
Weight (without hard disks)	<5Kg (11.0lb)



## Rear Panel of HTVR-1640HT4



- 1 VIDEO IN
- 2 VIDEO OUT
- 3 AUDIO IN, RCA Connector
- 4 USB Port
- 5 HDMI Interface
- 6 VGA Interface
- 7 CVBS AUDIO OUT and VGA AUDIO OUT
- 8 LAN Network Interface
- 9 RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT
- 10 100~240V AC Power Input
- 11 Power Switch
- 12 GND
- 13 LINE IN
- 14 eSATA Interface
- 15 RS-232 Serial Port