

TECHNICAL DATASHEET

ACCENTURE STORMTEST

HARDWARE MODEL: HV04HD

Description

The Accenture StormTest HV04HD model supports the automated testing of a variety of Digital TV devices, including set-top boxes and connected TVs, when used with Accenture StormTest platform software. It consists of a 3U 19" rack-mountable unit. The HV04HD model is designed to test four independent High Definition devices at a time and can be used remotely by multiple developers or testers.

Hardware

The HV04HD is a rack mountable audio/video probe, 3U high, running the StormTest software. It includes redundant hard drives with a RAID controller for data redundancy. Built into the unit are the following features for capture from and control of the devices under test:

- Four HDMI inputs for HD audio and video capture
- Four RS-232 serial ports
- Four IR blasters
- Four AC power outlets for the devices under test that can be switched under test control



Client Requirements

The StormTest client and applications require the following minimum specifications in order to run satisfactorily:

Operating System	Hardware	Display
Windows 7	Intel® Core i5 or better	Min. 1024x768 @ 32 bit color depth
Windows 10	8GB memory	DirectX® 11

Technical Specifications

Physical

Form Factor 3U high 19" rack mountable unit

Devices

Number of devices under test supported 4

Connections per device Serial: 1 x RJ-45 with DB-9 adaptor
AV: 1 x HDMI Type A receptacle
Power: 1 x Universal Socket
IR: 1 x Infra-red Emitter

TV transmission technology support

Device input cabling is not provided with this variant

Audio / Video input

Video Input Interface 480i/p, 576i/p, 720p, 1080i/p

Audio Input Interface Stereo PCM Audio, 16 bit, 32 – 48 kHz

Resolution 1920x1080
1280x720
720x576
720x480

Video Bit Rate 128kbps – 12Mbps

Frame Rate 3fps – 30fps

Audio Frequency Range 48kHz

HDCP HDCP v1.4

Ethernet

Ethernet switch not present in this product

Physical

Width 482.5mm (19")

Depth 305mm (12")

Height 133.35mm (5.25")

Weight 15kg (33lbs)

Slot Dimensions NA

Electrical Power 110 – 240V AC 50-60Hz, 250W (excluding STBs)

Environmental

Operating Temperature 10°C to 35°C (50°F to 95°F)

Operating Humidity (RH) 20% to 80%

OCR

Characters per month 2.5 million