

## Executive Summary AVer ClassHD

**Manufacturer: AVer**

**Model: ClassHD**

**Software Version: 00.01.02.09**

**Optional Features and Modifications: None**

**Date of Test: 22nd – 26th July 2013**



**HD Camera**



**CODEC Front view**



**CODEC Rear view**



**Remote Control**



**Desk Microphone**

The AVer ClassHD high definition conferencing system is a cost effective entry level system designed to be installed either in a small to medium sized conference room, classroom or as part of a roll-about unit.

The systems supplied for evaluation were base models, the UK model when released in the UK will include additional features. Details of the additional features which were not tested as part of this evaluation are detailed in the Manufacturer's Comments report.

The system supports a maximum image resolution of 1280x720 pixels @ 30fps on both the main and presentation video channels. The system includes a high definition (HD) fixed focus camera, a table microphone pod, an infra-red remote control and PC connectivity in the package. One option is available: additional microphone pods.

The maximum point to point connection speed is 4 Mbit/s, compatibility with other H.323 CODECS is achieved across a range of resolutions from SIF (352x240) to 720p (1280x720) pixels. The quality of the conference is dependent upon the capability of the remote CODEC and the connection speed.

A three year warranty is included as standard.

**Pros:**

- Cost effective
- Inclusive three year warranty
- Very few interoperability issues

**Cons:**

- Camera performance.
- HDMI output image cropped
- Presentation audio issues

**Feature Summary:**

Video standards	H.261, H.263, H.263+, H.264,
-----------------	------------------------------

Supported video resolutions	<p>352 x 240 @ 25, 30 fps (SIF)</p> <p>352 x 288 @ 25, 30 fps (CIF)</p> <p>512 x 288 @ 25, 30 fps (wCIF)</p> <p>704 x 480 @ 25, 30 fps (4SIF)</p> <p>704 x 576 @ 25, 30 fps (4CIF)</p> <p>848 x 480 @ 25, 30 fps (w480p)</p> <p>1280 x 720 @ 25, 30 fps (HD720p)</p>
Communications	H.323 and SIP, 128Kbps ~ 4Mbps
Audio standards	G.711, G.722, G.722.1, G.722.1c, G.728
Camera	Fixed focus 4x digital zoom camera, PTZ function, 88° Horizontal field of view.
Video inputs	One Firewire and one VGA
Video outputs	One HDMI and one VGA
Audio inputs	Desk microphone pod, 3.5mm mini-jack connection
Audio outputs	HDMI, 3.5mm mini-jack
Auxiliary features	<p>H.239 second video channel up to 720p resolution @30fps in point to point calls.</p> <p>Far-end camera control.</p>
Encryption	AES Encryption

**Source URL:** <https://community-stg.jisc.ac.uk/library/advisory-services/executive-summary-aver-classhd>