

Technical Specifications

INPUTS

- 2x Composite Video (CVBS), NTSC PAL & SECAM.
- 2x YC/S-Video, NTSC PAL & SECAM.
- 2x Component analog video YPbPr or RGBS for SD, ED & HD.
- 2x HDMI with HDCP, also compatible with HDCP DVI using appropriate third-party cable. HDMI input supports up to 8 embedded audio channels.
- 1x SVGA analog, 640x480 to 1280x1024 via 15HDD for PC or games system.
- 2x TosLink fibre-optic audio link.
- 2x S/PDIF digital coaxial audio.
- 4x 2 channel analog audio.

One Expansion module can be fitted, available modules are:

- 1x or 2x HD-SDI serial digital component video via single BNC, also supports SD-SDI or
- 2x additional HDMI channels to give a total of 4 HDMI.

SUPPORTED INPUT FORMATS

HD 720p, 1080i, 1080p, 1080p24, 1080p25 and 1080p30 @ 60Mhz

HDMI only - 1080p50, 1080p59.94, 1080p60

ED 480p, 576p (not SDI option).

SD 576i (625i), 480i (525i).

VESA graphics formats from 640x480 to 1280x1024.

Full multistandard support for Composite & S-Video in NTSC, PAL & SECAM formats with automatic standard recognition.

Graphics inputs feature automatic image optimization capability as well as user-controllable configuration.

OUTPUTS

- 1x Analog RGBHV via 15HDD connector.
- 1x HDMI with HDCP. HDMI output supports up to 8 embedded audio channels, backwards compatible with DVI using standard adaptor cables (not supplied).
- 1x TosLink fibre-optic audio link.
- 1x S/PDIF digital coaxial audio.
- 1x 2 channel analog audio.

Note: With HDMI/DVI HDCP input active, the only active video output is HDMI/DVI with HDCP. S/PDIF digital audio and TosLink fibre-optic audio outputs are simultaneously provided with an HDCP encrypted HDMI audio input/output but are non-recordable due to copy-protection requirements. This is necessitated by the HDCP licensing rules. Please ensure your display device is HDCP compatible if you wish to connect HDCP-encrypted source devices to Vantage-HD.



SUPPORTED OUTPUT FORMATS

Output resolution user selectable from 640x480, 800x600, 852x480, 853x480, 1024x768, 1024x1024, 1280x720, 1280x768, 1280x1024, 1360x768, 1365x768, 1366x768, 1366x1024, 1400x788, 1400x1050, 1920x1080, 2048x1080.

User configurable custom output timings are also available.

USER CONTROLS

- Front-mounted navi-keypad with on-screen display.
- Remote control via IR remote (included).
- RS232 serial control for use with third-party control systems.
- USB port for uploading firmware updates.

POWER REQUIREMENT

Vantage-HD has a separate lap-top style power pack so as to ensure mains hum, transients and spikes are not introduced into the audio or video circuitry. This power pack provides a smooth, regulated DC supply to Vantage-HD from 100-240VAC power outlets. Power consumption is approx. 50W max.

WARRANTY

1-year return to base warranty covers parts and labour, shipping excluded.



PHYSICAL INFORMATION

Vantage-HD looks great with its designer-styled black-on-black front panel. The all-metal case is functional too since it provides excellent screening between Vantage-HD and any other equipment such as amplifiers and audio processors.

Approximate dimensions for Vantage-HD are 16.4" wide, 10" deep, 3.5" tall, excluding connectors and switches.

Allow at least 2" clearance at the rear of Vantage-HD for cable connections. Vantage-HD has side vents around which air needs to be able to circulate, allow at least 0.5", ideally 1" or more at each side for cooling.



CALIBRE - creating technology for tomorrow's world today

Established since 1988, Calibre designs and manufactures specialist LCD displays and image processing devices for OEMs active in markets such as aerospace, premium in-flight entertainment, military surveillance and radar, process control and surgical/medical applications.

Vantage-HD now brings Calibre's huge wealth of video processing expertise to the home theatre market, making professional quality display processing available to everyone.

Vantage-HD

THE HEART OF YOUR HOME theatre SYSTEM

CALIBRE

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