

Instruction Manual

www.datavideo.com

Warranty

Standard Warranty

- Datavideo equipment is guaranteed against any manufacturing defects for one year from the date of purchase.
- The original purchase invoice or other documentary evidence should be supplied at the time of any request for repair under warranty.
- Damage caused by accident, misuse, unauthorized repairs, sand, grit or water is not covered by this warranty.
- All mail or transportation costs including insurance are at the expense of the owner.
- All other claims of any nature are not covered.
- Cables & batteries are not covered under warranty.
- Warranty only valid within the country or region of purchase.
- Your statutory rights are not affected.

Two Year Warranty

All Datavideo products purchased after 01-Oct.-2008 qualify for a free one year extension to the standard Warranty, providing the product is registered with Datavideo within 30 days of purchase. For information on how to register please visit <u>www.datavideo.com</u> or contact your local Datavideo office or authorized Distributors

Certain parts with limited lifetime expectancy such as LCD Panels, DVD Drives and Hard Drives are only covered for the first 10,000 hours, or 1 year (whichever comes first).

Any second year warranty claims must be made to your local Datavideo office or one of its authorized Distributors before the extended warranty expires.

Disposal

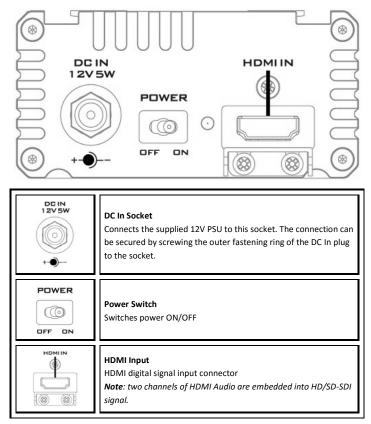


For EU Customers only - WEEE Marking

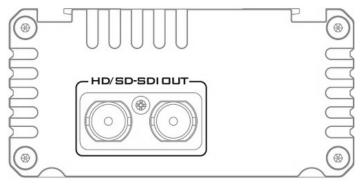
This symbol on the product indicates that it should not be treated as household waste. It must be handed over to the applicable take-back scheme for the recycling of Waste Electrical and Electronic Equipment. For more detailed information about the recycling of this product, please contact your local Datavideo office.

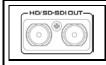
Connections & Controls

Front Panel



Rear Panel





HD/SD-SDI Output

SDI provides video signals for professional applications and allows long distance signal transmission.

Specifications

Input Interface	1 x HDMI (V1.3) Input
Output Interface	2 x 3G/HD/SD-SDI Output
Video Support Format (HDMI Input)	720 x 480 Interlace 720 x 576 Interlace 1280 x 720 / 50 Hz Progressive 1280 x 720 / 50 Hz Progressive 1280 x 720 / 60 Hz Progressive 1920 x 1080 / 50 Hz Interlace 1920 x 1080 / 50 9.94 Hz Interlace 1920 x 1080 / 60 Hz Interlace 1920 x 1080 / 50 Hz Progressive 1920 x 1080 / 59.94 Hz Progressive 1920 x 1080 / 60 Hz Progressive
3G SDI Signal	SMPTE 292 Standard complied with Output Return Loss: More than 4.5 dB (3 GHz) Output Level: 0.8 V_{pp} ± 10% Rise Time: Less than 130 ps Fall Time: Less than 130 ps Difference between rise time and fall time is within 50 ps. Alignment Jitter: Less than 0.3 UI Timing Jitter: Less than 0.3 UI Rise time overshoot: 10% Fall time overshoot: 10% Equalizer uses 5C-FB cable supporting 100 meters.
SD SDI Signal	$\begin{array}{l} \label{eq:SMPTE 292M Standard complied with \\ Output Return Loss: More than 15 dB (5 MHz to 750 MHz) \\ More than 10 dB (750 MHz to 1.5 GHz) \\ Output Level: 0.8 V_{pp} \pm 10\% \\ Transition Time: 0.4 ~ 1.5 ns \\ Difference between rise time and fall time is within 100 ps. \\ Alignment Jitter: Less than 0.2 UI \\ Timing Jitter: Less than 0.2 UI \\ Eye Aperture Ratio: More than 90\% \\ DC Offset: 0 \pm 0.5V \\ \end{array}$
Operating Temperature	0°C to 40°C (32°F to 102°F)
Humidity	10% to 90% (non condensing)
Dimensions & Weight	145 mm (W) x 85 mm (D) x 30 mm (H) / 0.33 Kg
Power	DC 12V / 500 mA

Service & Support

It is our goal to make owning and using Datavideo products a satisfying experience. Our support staff is available to assist you to set up and operate your system. Contact your local office for specific support requests. Plus. please visit www.datavideo.com to access our FAQ section.

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Please refer to our website for update the latest version manual. www.datavideo.com/Converters/DAC-9P



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