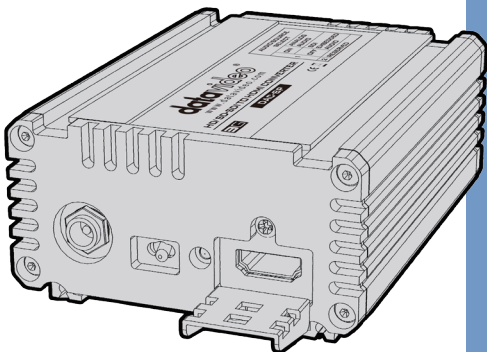


datavideo



**HD/SD-SDI TO HDMI
CONVERTER
DAC-8P**

Quick Start Guide

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 www.datavideo-tek.com or contact your local Datavideo office or authorized Distributors
- Certain parts with limited lifetime expectancy such as LCD Panels, DVD Drives, 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

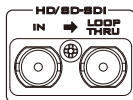
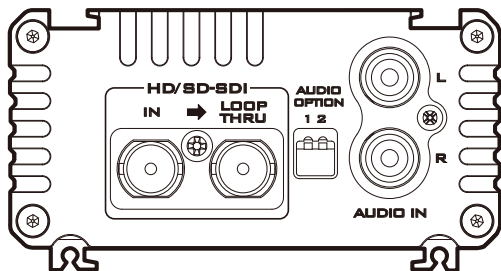
This symbol on the product indicates that it will not be treated as household waste.

It must be handed over to the applicable take back scheme for the recycling of electrical and electronic equipment. For more detailed information about the recycling of this product, please contact your local Datavideo office.

What's in the box?

- 1 x DAC-8P
- 1 x Switching Adaptor DC 12V 500mA
- 1 x DAC-8P Quick Start Guide

Front Panel



HD/SD - SDI Input & Output (LOOP THRU)

HD/SD-SDI transfers professional level video signals and it can connect to long distance transmission systems.

Left BNC connector: HD/SD-SDI Input

Right BNC connector: Loop Thru Output



RCA Audio Input

Two channels Unbalanced L / R Audio input

Note: two channels SDI Audio or RCA Audio input embedded into HDMI Signal

AUDIO
OPTION
1 2

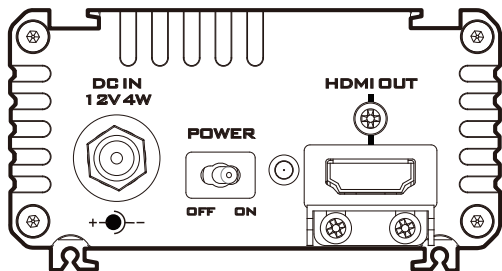


Mini Switch

Using mini switch can select audio source from input.

CH 1	ON	ANALOG AUDIO
	OFF	SDI EMBEDDED AUDIO
CH 2	RESERVED	

Rear Panel



DC In Socket

Connecting the power supply 12V/ 500mA PSU to this socket. The connection can be secured by screwing the outer fastening ring of the DC In plug to the socket.



Power Switch

Switches the power On / Off.



HDMI Output

HDMI digital signal connector.

Specification

Input Interface	<ul style="list-style-type: none"> • 1x HD/SD-SDI input
Outputs Interface	<ul style="list-style-type: none"> • 1x HD/SD-SDI output (Loop Thru) • 1x HDMI (V1.2) output
Supported HDMI Output Formats	<ul style="list-style-type: none"> • 720x480 Interlace • 720x576 Interlace • 1280x720 / 50Hz Progressive • 1280x720 / 59.94Hz Progressive • 1280x720 / 60Hz Progressive • 1920x1080 / 50Hz Interlace • 1920x1080 / 59.94Hz Interlace • 1920x1080 / 60Hz Interlace • 1920x1080 / 50Hz Progressive • 1920x1080 / 59.94Hz Progressive • 1920x1080 / 60Hz Progressive
3G SDI Signal	<p>SMPTE 292 standard complied with</p> <ul style="list-style-type: none"> • Output return loss : More than 4.5 dB (3GHz) • Output level : 0.8 Vpp \pm 10% • Rise time : Less than 130 ps • Fall time : Less than 130 ps • Difference between rise time and fall time within 50 ps • Alignment jitter : Less than 0.3 UI • Timing jitter : Less than 2.0 UI • Rise over shot : 10% • Fall over shot : 10% • Equalizer use 5C-FB cable support 100 meters
HD SDI Signal	<p>SMPTE 292 standard complied with</p> <ul style="list-style-type: none"> • Output return loss : More than 15 dB (5MHz to 750MHz) More than 10 dB (750MHz to 1.5 GHz) • Output level : 0.8 Vpp \pm 10% • Rise time : Less than 270 ps • Fall time : Less than 270 ps • Difference between rise time and fall time within 100 ps • Alignment jitter : Less than 0.2 UI • Timing jitter : Less than 1.0 UI • Eye aperture ratio : More than 90% • DC offset : 0 \pm 0.5V • Equalizer use 5C-FB cable support 100 meters
Operating Temperature	<ul style="list-style-type: none"> • 0°C to 40°C (32°F to 102°F)
Humidity	<ul style="list-style-type: none"> • 10% to 90% (non condensing)
Dimension & Weight	<ul style="list-style-type: none"> • 105mm (W) x 120mm (D) x 38mm (H) / 0.5Kgs
Power	<ul style="list-style-type: none"> • Output DC 12V / 500mA (4W)

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-8P

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