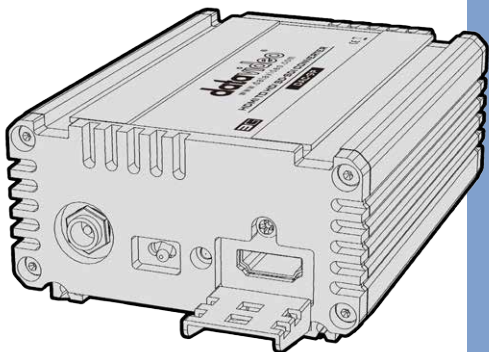


datavideo



HDMI TO HD-SDI CONVERTER DAC-9P

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

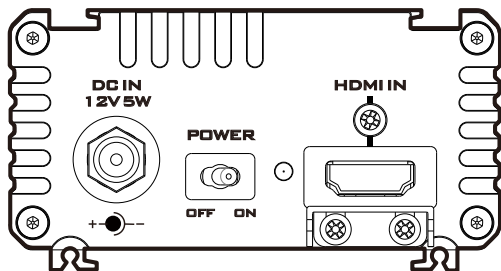
This symbol on the product indicates that it will not be treated as household waste.

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?

Items	Description	Q'ty
1	DAC-9P	1
2	Switching Adaptor DC 12V 500mA	1
3	DAC-9P Quick Start Guide	1

Front Panel



DC In Socket

Connects the supplied 12V 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.

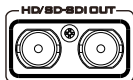
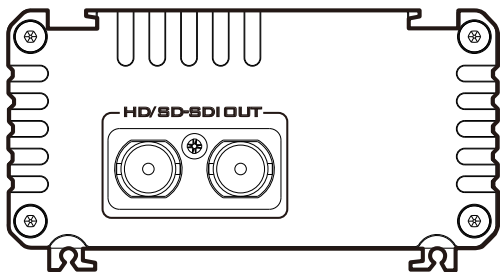


HDMI Input

HDMI digital signal input connector.

Note: two channels HDMI Audio Embedded into HD/SD-SDI Signal

Rear Panel



HD/SD - SDI Output

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

Specification

Input Interface	<ul style="list-style-type: none"> • 1x HDMI (V1.3) input
Outputs Interface	<ul style="list-style-type: none"> • 2x 3G/HD/SD-SDI output
Video Support Format (HDMI Input)	<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
SD SDI signal	<p>SMPTE 292M 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% • Transition time : 0.4 ~ 1.5ns • Difference between rise time and fall time 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
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"> • 145mm (W) x 85mm (D) x 30mm (H) / 0.33Kgs
Power	<ul style="list-style-type: none"> • DC 12V / 500mA

Notes



Notes



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.

Datavideo Taiwan

Datavideo Technologies Co. Ltd
10F. No. 176, Jian 1st Rd., Chung Ho
District, New Taipei City 235, Taiwan,
R.O.C.

Tel: +886-2-8227-2888

Fax: +886-2-8227-2777

E-mail: service@datavideo.com.tw

Datavideo Europe

Datavideo Technologies Europe BV
Floridadreef 106
3565 AM Utrecht,
The Netherlands

Tel: +31-30-261-96-56

Fax: +31-30-261-96-57

E-mail: info@datavideo.nl

Datavideo United Kingdom

Datavideo UK Limited
Units1 & 2 Waterside Business Park
Hadfield, Glossop, Derbyshire
SK13 1BE, UK

Tel: +44-1457 851 000

Fax: +44-1457 850 964

E-mail: sales@datavideo.co.uk

Datavideo USA

Datavideo Corporation
7048 Elmer Avenue.
Whittier, CA 90602,
U.S.A.

Tel: +1-562-696 2324

Fax: +1-562-698 6930

E-mail: sales@datavideo.us

Datavideo China

Datavideo Technologies China Co
101, NO. 618, LiuYing Rd, Zhabei District,
Shanghai, China

Tel: +86 21-5603 6599

Fax: +86 21-5603 6770

E-mail: service@datavideo.cn

Datavideo Singapore

Datavideo Technologies (S) PTE Ltd
No. 178 Paya Lebar Road #06-03
Singapore 409030

Tel: +65-6749 6866

Fax: +65-6749 3266

E-mail: sales@datavideo.sg

Datavideo Hong Kong

Datavideo Hong Kong Ltd
G/F., 26 Cross Lane
Wanchai, Hong Kong

Tel: +852-2833-1981

Fax: +852-2833-9916

E-mail: info@datavideo.com.hk

Datavideo France

Datavideo France s.a.r.l
Cité Descartes 1, rue Albert Einstein
Champs sur Marne
774477-Marne la Vallée cedex 2

Tel: +33-1-60370246

E-mail: info@datavideo.fr

Datavideo India

Datavideo Technologies India Pvt L
A-132, Sec-63, Noida-201307,
Uttar Pradesh (UP), India.

Tel: +91-0120-2427337

Fax: +91-0120-2427338

E-mail: sales@datavideo.in



Please refer to our website for update the latest version manual.

www.datavideo.com/Converters/DAC-9P

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