

## HDMI to HD-SDI Converter

### DAC-9P



### Quick Start Guide

[www.datavideo.com](http://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](http://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



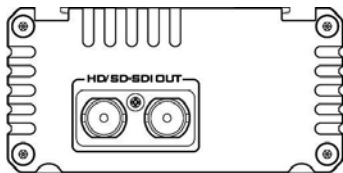
### For EU Customers only - WEEE Marking

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

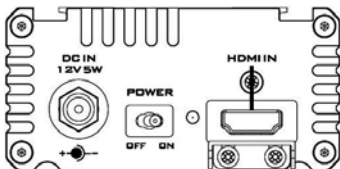
## Front Panel



### HD/SD - SDI Output

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

## Rear Panel



**DC IN  
12V 5W**



### DC In Socket

Connect 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**

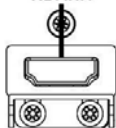


**OFF ON**

### Power Switch

Switches the power On / Off.

**HDMI IN**



### HDMI In interface

HDMI digital signal input connector

## Specification

Input Interface	<ul style="list-style-type: none"> <li>• 1x HDMI input</li> </ul>
Outputs Interface	<ul style="list-style-type: none"> <li>• 2x 3G/HD/SD-SDI output</li> </ul>
Video Support Format (HDMI Input)	<ul style="list-style-type: none"> <li>• 720x480 Interlace</li> <li>• 720x576 Interlace</li> <li>• 1280x720 / 50Hz Progressive</li> <li>• 1280x720 / 59.94Hz Progressive</li> <li>• 1280x720 / 60Hz Progressive</li> <li>• 1920x1080 / 50Hz Interlace</li> <li>• 1920x1080 / 59.94Hz Interlace</li> <li>• 1920x1080 / 60Hz Interlace</li> <li>• 1920x1080 / 50Hz Progressive</li> <li>• 1920x1080 / 59.94Hz Progressive</li> <li>• 1920x1080 / 60Hz Progressive</li> </ul>
3G SDI Signal	<p>SMPTE 292 standard complied with</p> <ul style="list-style-type: none"> <li>• Output return loss : More than 4.5 dB (3GHz)</li> <li>• Output level : 0.8 Vpp <math>\pm</math> 10%</li> <li>• Rise time : Less than 130 ps</li> <li>• Fall time : Less than 130 ps</li> <li>• Difference between rise time and fall time within 50 ps</li> <li>• Alignment jitter : Less than 0.3 UI</li> <li>• Timing jitter : Less than 2.0 UI</li> <li>• Rise over shot : 10%</li> <li>• Fall over shot : 10%</li> <li>• Equalizer use 5C-FB cable support 100 meters</li> </ul>
SD SDI signal	<p>SMPTE 292M standard complied with</p> <ul style="list-style-type: none"> <li>• Output return loss : More than 15 dB (5MHz to 750MHz)</li> <li>• More than 10 dB (750MHz to 1.5 GHz)</li> <li>• Output level : 0.8 Vpp <math>\pm</math> 10%</li> <li>• Transition time : 0.4 ~ 1.5ns</li> <li>• Difference between rise time and fall time within 100 ps</li> <li>• Alignment jitter : Less than 0.2 UI</li> <li>• Timing jitter : Less than 0.2 UI</li> <li>• Eye aperture ratio : More than 90%</li> <li>• DC offset : 0 <math>\pm</math> 0.5V</li> </ul>
Operating Temperature	<ul style="list-style-type: none"> <li>• 0°C to 40°C (32°F to 102°F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• 10% to 90% (non condensing)</li> </ul>
Dimension &	<ul style="list-style-type: none"> <li>• 145mm (W) x 85mm (D) x 30mm (H) / 0.33Kgs</li> </ul>
Power	<ul style="list-style-type: none"> <li>• DC 12V / 500mA</li> </ul>

## Service & Support

It is our goal to make your products ownership a satisfying experience. Our supporting staff is available to assist you in setting up and operating your system. Please refer to our web site [www.datavideo.com](http://www.datavideo.com) for answers to common questions, support requests or contact your local office below.

\* Please refer to our web site [www.datavideo.com](http://www.datavideo.com) for update the latest version Manual.

### USA: Datavideo Corporation

Tel: +1 562 696 2324	Fax: +1 562-698-6930	E-Mail: <a href="mailto:techsupport@datavideo.us">techsupport@datavideo.us</a>
----------------------	----------------------	--

### The Netherland: Datavideo Technologies Europe BV

Tel: +31-30-261-96-56	Fax: +31-30 261-96-57	E-Mail: <a href="mailto:service@datavideo.nl">service@datavideo.nl</a>
-----------------------	-----------------------	--

### United Kingdom: Datavideo UK Limited

Tel: +44 1457 851 000	Fax: +44 1457 850 964	E-Mail: <a href="mailto:sales@datavideo.co.uk">sales@datavideo.co.uk</a>
-----------------------	-----------------------	--

### Taiwan: Datavideo Technologies Co., Ltd

Tel: +886 2 8227 2888	Fax: +886-2-8227-2777	E-mail: <a href="mailto:service@datavideo.com.tw">service@datavideo.com.tw</a>
-----------------------	-----------------------	--

### China: Datavideo Technologies China Co., Ltd

Tel: +86 21-5603 6599	Fax:+86 21-5603 6770	E-mail: <a href="mailto:service@datavideo.cn">service@datavideo.cn</a>
-----------------------	----------------------	--

### Singapore: Datavideo Technologies (S) PTE LTD

Tel: +65-6749 6866	Fax: +65-6749 3266	E-mail: <a href="mailto:sales@datavideo.sg">sales@datavideo.sg</a>
--------------------	--------------------	--

### Hong Kong: Datavideo HK Limited.

Tel: +852 2833 1981	Fax: +852-2833-9916	E-mail: <a href="mailto:info@datavideo.com.hk">info@datavideo.com.hk</a>
---------------------	---------------------	--

### France: Datavideo France

Tel: +33 1 60 37 02 46	Fax: +33 1 60 37 67 32	E-Mail: <a href="mailto:info@datavideo.fr">info@datavideo.fr</a>
------------------------	------------------------	--

### India: Datavideo India

Tel: +91-0120-2427337	Fax: +91-0120-2427338	E-Mail: <a href="mailto:sales@datavideo.in">sales@datavideo.in</a>
-----------------------	-----------------------	--

All the trademarks are the properties of their respective owners.  
Datavideo Technologies Co., Ltd. All rights reserved 2018