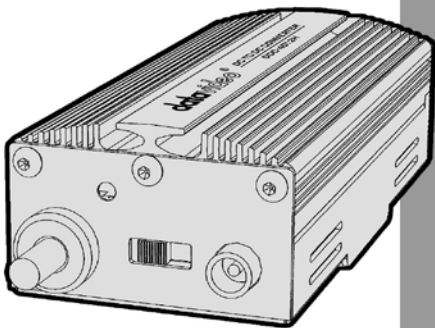


# datavideo



**DC TO DC  
CONVERTER  
DDC-4012H**

## **Instruction Manual**

[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

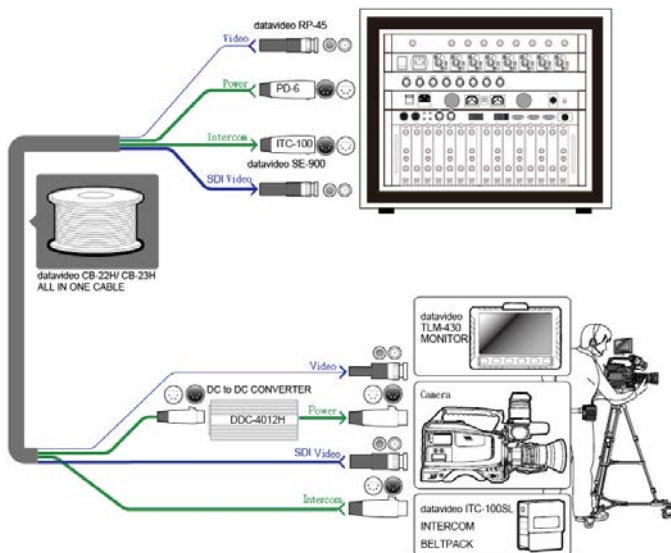
This symbol on the product indicates that it will not be treated as household waste. It must be handed over to the applicable take back scheme for the recycling of electrical and electronic equipment. For more detailed information about the recycling of this product, please contact your local Datavideo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

## Introduction

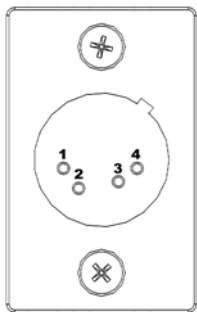
The DDC-4012H supplies power to third party cameras or AV equipment. The DDC-4012H is designed to be used with the Datavideo PD-6 Power Distribution Unit and CB-22H/ 23H All-In-One Cable.

The DDC-4012H automatically accepts input voltages between 15 and 50V DC and provides regulated 7.2V, 8.4V or 12V DC output depending on its output switch setting. The unit allows 4pin XLR type input connections and has options for either 4pin XLR or 5.5mm PSU type output connections.

## Example PD-6 Set Up



## 4 Pin XLR Connections



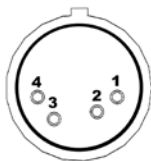
### DC Input 15V DC ~ 50 V DC

Pin 1 = GND ( - )

Pin 2 = VCC ( + )

Pin 3 = NC

Pin 4 = NC



### DC Output 7.2V, 8.4V or 12V (4A Max)

Pin 1 = GND ( - )

Pin 2 = NC

Pin 3 = NC

Pin 4 = VCC ( + )

Product IP Rating = IP20

This product is NOT water or weather proof.

Datavideo recommends that this product be used indoors.

If you wish to use this product on location or outside then please take all appropriate precautions to protect the unit from ingress and the user from risk of shock.

## Specifications

<b>Input</b>	Voltage Range	15V~50V DC
	Efficiency (Typ.)	Up to 85%
<b>Output</b>	DC Voltage	7.2V / 8.4V / 12V
	Voltage Tolerance	±3%
	Rated Current	4 A
	Current Range	0~4 A
	Rated Power	48W
	Ripple & Noise(max)	<400mV
<b>Protection</b>	Over Load	105%~150% rated output power
		Protection type: Recovery automatically after fault condition is removed
<b>Connector</b>	DC Input 4 Pin XLR Male	Pin1:GND , Pin2:DC IN, Pin3/4:NC
	DC Output 4 Pin XLR Female	Pin1:GND , Pin2/3:NC , Pin4:DC OUT
	DC Output 5.5mm DC Jack	Center: DC Out , Shell: GND
<b>Environment</b>	Working Temp.	0°C to 40°C (32°F to 102°F)
	Working Humidity	10% to 90% (non condensing)
	Storage Temp. Humidity	-40°C to +85°C, 10~95% RH
<b>Others</b>	Dimension	115 mm x 50 mm x 35 mm (L x W x H)
	Weight	Approx. 0.3 kg/ 0.66 lbs
	Cable	UL 2464 ,18AWG, L=1M
	Slide Switch	Selected 7.2V, 8.4V or 12V output
	LED Lamp	Red: DC Out 12V, Amber: DC Out 8.4V Green: DC Out 7.2V

# 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](http://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](mailto:service@datavideo.com.tw)

## Datavideo Europe

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

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

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

E-mail: [info@datavideo.nl](mailto:info@datavideo.nl)

## Datavideo United Kingdom

Datavideo UK Limited  
Units 1 & 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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:info@datavideo.com.hk)

## Datavideo France

Datavideo France s.a.r.l  
Cit  Descartes 1, rue Albert Einstein  
Champs sur Marne  
774477-Marne la Vall e cedex 2

Tel: +33-1-60370246

E-mail: [info@datavideo.fr](mailto: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](mailto:sales@datavideo.in)



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

[www.datavideo.com/Power+Distribution/DDC-4012H](http://www.datavideo.com/Power+Distribution/DDC-4012H)

**datavideo**  
www.datavideo.com

All the trademarks are the properties of their respective owners.

Datavideo Technologies Co., Ltd. All rights reserved 2018

Apr.18.2016 P/N: G082060699B4