# datavideo®

## Sharing the Value

DIGITAL VIDEO
HD.SD

# Datavideo SE-2800

## 8 or 12 Input HD/SD AV Switcher

www.datavideo.info

# 8 or 12 Input HD/SD AV Switcher
# SE-2800

The Datavideo SE-2800 is a cost-effective, broadcast-quality switcher. Featuring 8 or 12 digital and analogue inputs, it is designed for live events and TV programmes that need to blend a variety of video and audio sour ces. Thanks to its small form factor, the SE-2800 is ideal for use in a portable rack unit or in outside broadcast vehicles.

Producing superb 4:2:2 10 bit broadcast quality pictures with versatile input/output configurations, the SE-2800 also has powerful, easy to use effects, such as dual picture in picture (PIP), downstream keyer (DSK) and logo insertion.

## Features

■ Supports 8 or 12 HD or SD Inputs in a variety of configurations:

 -HD Mode
1) 8 / 12 HD-SDI
2) 6 / 9 HD-SDI + 2 / 3 HDMI

 -SD Mode
1) 8 / 12 SD-SDI
2) 4 / 6 SD-SDI + 4 / 6 composite video (CVBS)
3) 4 / 6 SDI +2 / 3 HDMI + 2 / 3 CVBS

■ 3 SDI Outputs assignable to AUX, Program (PGM), Preview (PVW) or PGM clean - Built-in SD down-scaler on CH-3 SDI output

■ 2 HDMI outputs for multiview monitoring

■ Audio I/O
-Input: 4 analogue balanced XLR
-Output: 2 analogue balanced XLR. Supports embedded audio SDI output from 4-CH XLR Audio input

■ Two DSK, supports Key and Fill

■ Cut, Mix and Wipe with borders

■ Clock on screen

■ Countdown counter on multiscreen

■ Two PIP displays with user-defined borders

■ Tally, GPI interface and RJ45 for firmware upgrade

■ DC 12V operation voltage, available for mobile use

## Mainframe Front

## Dual-Screen Multiscreen Viewer As Standard

Multiscreen monitoring is available on two HDMI monitors (not supplied). They can be used to monitor video and audio in a number of different configurations. For each set up, embedded audio level indication is available on all inputs and the Program window.

Configuration 1.

- On screen 1: 9 live inputs
- On screen 2: 3 live inputs with additional Preview and Program windows

Configuration 2.

- On screen 1: 12 live inputs with additional Preview and Program windows
- On screen 2: Program window

Configuration 3.

- On screen 1: 8 live inputs with additional Preview and Program windows
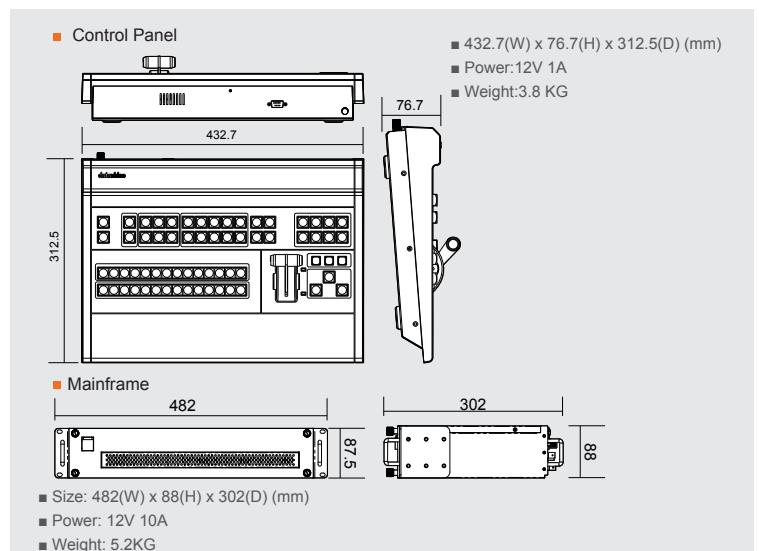- On screen 2: Program window

## Control Panel



## Mainframe Connections



## Specifications

■ **Video format**
SD(480/59.94i,576/50i),
HD (1080/59.94i, 1080/50i)

■ **Video Processing**
Y:Cb:Cr, 4:2:2, 10-bit
SMPTE 259M-C (270 Mbps, 525/625 compo-
nent video)
SMPTE 292M (1.485, 1.485/1.001 Gbps)

■ **Genlock Mode**
Blackburst or tri sync input

■ **Remote Control**
RS-232

■ **Operating Temperature**
0°C~50°C

■ Control Panel



■ 432.7(W) x 76.7(H) x 312.5(D) (mm)
■ Power:12V 1A
■ Weight:3.8 KG

76.7

432.7

312.5

■ Mainframe

482

302

87.5

88

■ Size: 482(W) x 88(H) x 302(D) (mm)
■ Power: 12V 10A
■ Weight: 5.2KG

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## Datavideo Worldwide Offices

**Datavideo Technologies Co. Ltd**
10F. No. 176, Jian 1st Rd.,Chung Ho City
Taipei Hsien 235, Taiwan,
R.O.C.
Tel: +886-2-8227-2888
Fax: +886-2-8227-2777
E-mail:service@datavideo.com.tw

**Datavideo Technologies China Co**
102, No.1301,Gonghexin Rd,
Zhabei District,Shanghai ,China

Tel: +86 21-5603 6599
Fax: +86 21-5603 6770
E-mail:service@datavideo.cn

**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 Corporation**
7048 Elmer Avenue.
Whittier, CA 90602,
U.S.A.
Tel:+1-562-696 2324
Fax:+1-562-698 6930
E-mail:contactus@datavideo.us

**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 Technologies India Pvt Ltd**
A-132, Sec-63,Noida-201307,
INDIA

Tel:+91-120-2471023
Fax:+91-120-2406143
E-mail: sales@datavideo.in

**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 UK Limited**
Units1 & 2 Waterside Business Park
Hadfield, Glossop, Derbyshire
SK13 1BE, UK
Tel:+44-1457 851000
Fax:+44-1457 850964
E-mail:sales@datavideo.co.uk

**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

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Datavideo Distributor / Reseller:

www.datavideo.info