

# Digi Scan 1600

Ref. DSV1600

High Resolution Digital Scan Converter with Genlock



## Inputs



## Outputs



## Features



## DSV1600 at a glance

- > Professional High Resolution Scan Converter with Genlock and SDI output
- > Up to 1600x1200 input resolution
- > Up to 16 different input formats are stored in the device permanent memory
- > Fully controlled and updated via RS232 com port
- > SDI output

## Reference

- > [DSV1600: Digi Scan 1600](#)

## Inputs

- PC, Mac compatible input
- DVI and RGB Computer Input up to 1600x1200
- Genlock: Black Burst
- All Genlock timings meet broadcast ITU/SMPTE standards

## Outputs

- SDI output together with NTSC/PAL, S.Video and RGB/YUV
- All video outputs are available simultaneously

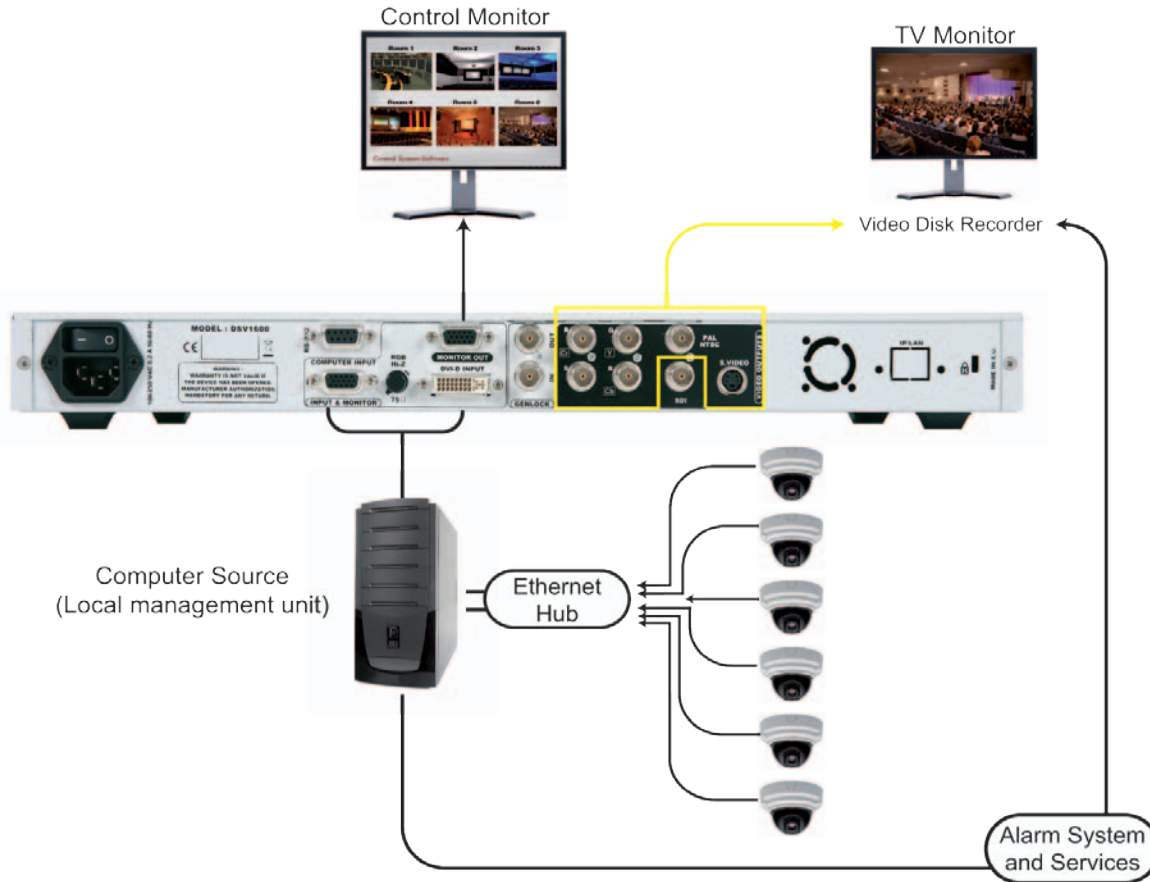
## Features

- 8 level anti-flickers
- Genlock input with loop through
- Horizontal & Vertical filters
- Auto-Scan to 130 kHz
- Linear Pan & zoom resizing up to 500 %
- Menu control with LCD
- Freeze Button
- RS232 Upgradable
- Remote Control Software (PC only)



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Example of application with the **DSV1600**:  
 Get software contents to record information from a Security Center.



## Technical Specifications

### Computer Input

- For PC, Mac and Workstation
- RGB, RGBS, RGBHV and DVI-D with Automatic synchronization detection
- Resolution up to 1600x1200/60Hz
- Horizontal frequency from 31.5 to 130 KHz

### Outputs

- SDI - 4:2:2 - 10 bits - 270Mb/s
- Composite Video PAL/NTSC (1Vp/p)
- S. Video (Y/C) (0.7 Vp/p + 0.3 Vp/p)
- RGB/S, RGB or Component (0.7 Vp/p + 0.3Vp/p)
- Formats :
  - PAL 625L 15.625 kHz/50 Hz (CCIR)
  - NTSC 525 PL 15.735 kHz/60 Hz (RS170.A)
- Computer monitor loop through

### GENLOCK

- Input: Black Burst
- Output: loop through
- Composite NTSC/PAL
- Composite: PAL/NTSC

### User Controls and Connectors

#### FRONT PANEL:

- LCD screen & control buttons for Input, output, Image and miscellaneous user settings

- Frame Freeze: Push button + 1 LED
- Image position: horizontal and vertical position and size adjustments
- Zoom mode (continuous up to 500%) with horizontal and vertical position and size adjustments

### REAR PANEL

- Input Connectors:
  - HD 15 pin female (Computer in)
  - DVI-D (Digital Computer in only)
  - BNC: Genlock Black Burst
- Output Connectors:
  - BNC (SDI - 4.2.2 - 10 bit - 270 Mb/s)
  - BNC (NTSC/PAL/Composite Video)
  - 4 pin mini DIN (S.Video)
  - 4 BNC (RGB/S, RGB or Component)
  - HD15 pin female (Computer out)
  - BNC: Genlock loop through
- Miscellaneous:
  - Hi.Z/75 Ohms: Switch for Computer input
  - RS232 input for remote control
  - RJ45: Optional Ethernet connection

### Power Supply

- Internal, universal, automatic, 100-250 V; 50/60 Hz; 40 W (UL, CSA, GS, CE)

### Supplied with

- 1 x Power supply cord
- 1 x VGA M/M Cable (1.8 m - 6ft)
- 1 x Remote Control Software (RCS) (PC Only)\*
- 1 x User Manual\*

### Dimensions:

- 1U, 19" compatible
- D 10.4" x W 19" x H 1.74"
- D 265 mm x W 482 mm x H 44 mm

### Weight:

- 3.kg/6.6 lbs

### Warranty:

- 3-year warranty on parts and labor back to factory

Specifications subject to change without prior notice



\* All RCS, User Manuals and Quick Start Guides are available on [www.analogway.com](http://www.analogway.com)