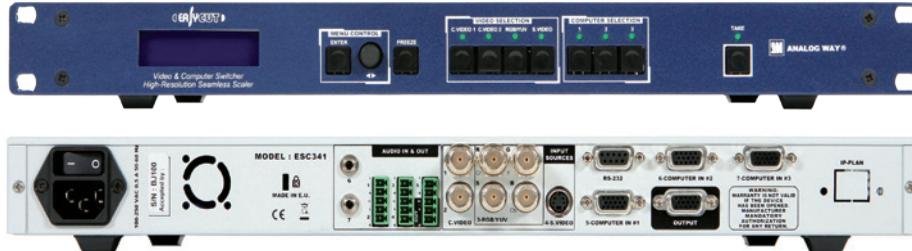


# Easy Cut

Ref. ESC341

## High Resolution Video Seamless Switcher/Scaler with Audio



(1) Only the video inputs are scaled

### ESC341 at a glance

- > High Resolution Video Scaler and Audio Video Switcher: All in one
- > 2 Switching modes : Seamless and Smooth Switching
- > A non-volatile Frame Memory available
- > High Quality decoder providing an amazing image
- > Easy to use

#### Reference

> [ESC341: Easy Cut](#)

#### To Control ESC341

- > [Remote Control Software \(RCS\): ESC341 \(Supplied\)](#)
- > [Remote Keypad: RKD10](#)

#### Option

> [OPT-LAN](#): Optional TCP/IP control interface

#### Inputs

- Inputs: YUV, Composite, S.Video, RGB, Computer

#### Output

- RGB computer output up to UXGA (1600 x 1200)

#### Effects

- Cut and Smooth Switching
- Frame alert memory
- Freeze button

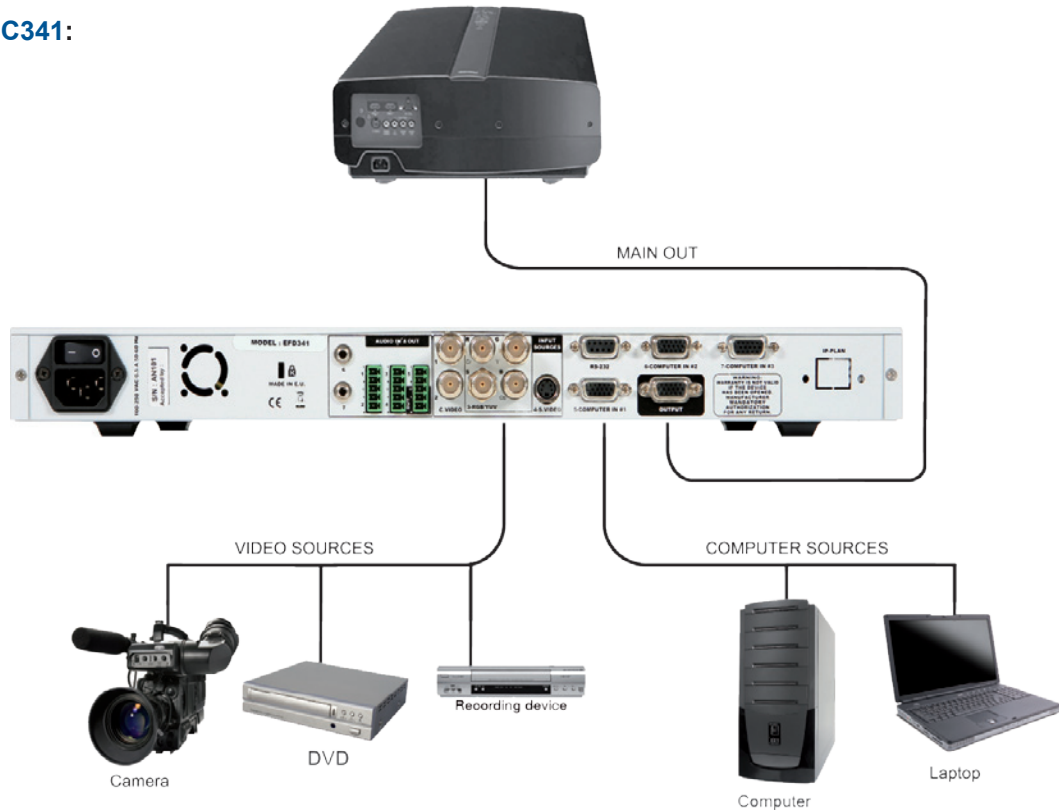
#### Additional Features

- Aspect Ratio preserved
- Frame Rate Converter and Follower & ARC
- Auto 3:2/2:2 Pull Down
- Audio Stereo Switcher
- RS232 Com Port
- Remote Control Software
- Optional TCP/IP control
- 19" rack case, 1U compatible
- User-friendly - Direct Access to Main Functionalities



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## Connecting the ESC341:



## Technical Specifications

### Video Inputs

- 2 x Composite Video
  - PAL/SECAM = 15.625 kHz / 50Hz
  - NTSC = 15.735 kHz / 60 Hz
  - Black and White : 15 kHz/50-60Hz
- 1 x S.Video (Y/C)
  - PAL/SECAM = 15.625 kHz / 50 Hz
  - NTSC = 15.735 kHz / 60 Hz
- 1 x Component or RGB/S or RGsB
  - 15.625 kHz/50Hz - 625L
  - 15.735 kHz/60Hz - 525L
  - RGB/YUV (0.7 Vp/p)
  - Sync (TTL or 0.3V Analog)
  - RGsB (SOG: 0.3V Analog)
- Audio Stereo Inputs

### Computer Inputs (Active Loop through)

- 3 x Computer (PC, Mac) RGBHV, RGB/S
- Resolution from 640 x 480 up to 1600 x 1200

### Display Output

- For Video Input:
  - 1 x RGBHV, RGBS or RGsB selectable (buffered H & V separate Sync. or Composite sync.)
  - RGB = 0.7 Vp/p (75 Ohms load)
  - Selectable output resolution:
    - 4/3: SVGA: 800x600
    - XGA: 1024x768
    - SXGA: 1280x1024
    - SXGA+: 1400x1050
    - UXGA: 1600x1200
  - 16/9: WVGA: 852x480
  - 720p: 1280x720
  - WXGA: 1366x768 (D-ILA)
- For Computer input: from VGA to UXGA (24 kHz to 85 kHz), RGB HV/S identical to the input (buffered loop through)
- Audio stereo output

### User Controls and Connectors

#### FRONT PANEL

- Input Selection from Input 1 to 7
- Freeze: Freeze button
- Effect selection: Cut and Smooth Switching
- Take
- LCD screen & control buttons for:
  - Sharpness, brightness, contrast, color, hue
  - Overscan/underscan
  - Aspect Ratio (Source & Screen)
  - Output format & Sync.
  - Horizontal and vertical position and size adjustments
  - Front panel control locking

#### REAR PANEL

##### Input Connectors:

- Composite 1: BNC connector
- Composite 2: BNC connector
- S.Video: Y/C Mini DIN connector
- RGB/S & Component: 3/4 BNC connectors
- Computer: HD15F connector
- Audio: MCO 5 pin connector and 3.5 Stereo Jack

##### Output Connectors:

- RGB on HD15
- Audio: MCO 5 pin connector

##### Other:

- DB9-F: Dual RS232 COM Port for full control of the device and for control of a distant display
- RJ45: Optional Ethernet Control
- IEC for mains + On/Off switch

### Power Supply

Internal, Universal, and Automatic 100 - 250 VAC; 50 / 60Hz (20W) (UL, CSA, CE)

### Supplied with

- 1 x AC power cable
- 3 x MCO connectors
- 1 x Remote control software\*
- 1 x User manual\*

### Dimensions: 19", 1 unit compatible

D 10.43" 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

\* Download on our website: [www.analogway.com/technical-support/](http://www.analogway.com/technical-support/)