

# ESW41-S

SDI 4x1 Synchronous Emergency Switch

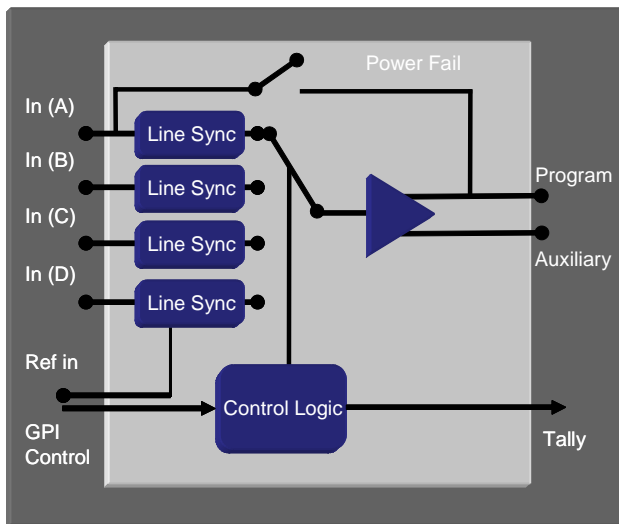
INSERTERS

SWITCHES

CONVERSION

KEYERS

MIXERS



Seamless LIVE emergency switching

Automatic switching on signal loss

GPI switch control

Clean switching of mis-timed inputs

4x1 emergency switching for SDV

The ESW-41S is designed for applications requiring automatic emergency switching capability in the event of signal loss. The main program input is monitored and on loss of sync data, the output is switched to the next available 'good' input after four blank frames (or if the user wishes, the output can switch to black).



The automatic switching feature can be overridden by the operator through external connection to the GPI.

The automatic switching feature can be overridden by the operator through external connection to the GPI.

The program path is maintained, even in the event of a power failure, through the inbuilt bypass relay. This connects input 1 to the main output.

MicroVideo

Copley Hill Farm  
Babraham  
Cambridge  
England, CB22 3GN  
t: +44 (0) 1223 834119  
f: +44 (0) 1223 834471  
w: [www.microvideo.co.uk](http://www.microvideo.co.uk)

# ESW41-S

## Technical Information

INSERTERS

SWITCHES

CONVERSION

KEYERS

MIXERS

- Inputs:** 4 x Serial Digital Video (270Mb/s) to SMPTE 259M (EBU Tech 3267-E)  
1 x Analogue video reference
- Outputs:** 1 x SDV Program out  
1 x SDV Auxiliary output  
In the event of power failure to the unit a passive bypass relay connects input 1 to the main program output.
- Control:** 5 GPI inputs (4 input select, 1 relay bypass enable)
- User Adjustments:** Timing adjustment and setup  
Input select  
625/525 line operation select  
Reference timing adjustment  
Switch to black  
Relay bypass (latching push button)  
CPU input select enable (for front panel control)
- Physical:** 1U rack mounting, up to 2 cards per 1U frame
- Ordering:** ESW41-S 4x1 Synchronous SDV switch  
-DM Optional second mains input for redundancy
- Related products:** ESW201-B, ESW201-S, RSW204, ASW201, ESW-ASI

MicroVideo

Copley Hill Farm  
Babraham  
Cambridge  
England, CB22 3GN  
t: +44 (0) 1223 834119  
f: +44 (0) 1223 834471  
w: [www.microvideo.co.uk](http://www.microvideo.co.uk)