



### Mounting Frame Options

- 1000 - Single Power Supply, Holds 11 Modules
- 1000/2 - Dual Power Supply, Holds 10 Modules
- 7200 - Mounting Frame, Holds 1 Module

# 1132

## HD/SD-SDI Reclocking DA 1x4 or 1x8



The 1132 DigiFlex serial distribution amplifier restores the incoming signal to its proper amplitude. The signal is reshaped with automatic equalization, and DC restoration. The units maximum equalized length for cable for SD is 300m at 270Mb/s, and for HD, 100m at 1.485Gb/s.

Eight outputs are provided on a removable rear cell 1033, and four outputs are provided on the 1032 rear cell. An LED at the front edge of the front module, and one on the rear module indicate a Loss of Signal.

A rear I/O module must be selected for the specific front signal module. The signal module and rear I/O module with the flexibility of the frame place virtually no limits on the versatility of the DigiFlex 1000 system.

The input signal can be 143 Mb/s, 177 Mb/s, 270 Mb/s, 360 Mb/s, 540 Mb/s, and 1.4835/1.485Gb/s standards. The front module has LED's that tell if the input signal has locked, and the data rate that it is locked.

The 1000 series DigiFlex modules are compact designs that allow eleven modules to mount in the 1000 frame and ten modules with a redundant power supply. Any 1000 series module will operate in the 1000 frame in any configuration, audio or video, digital/analog, generators or test modules.

### Exceptional Technical Support

The 1132 is backed by the Link Electronics standard 10-year warranty and 24/7 free customer support. It meets the innovative, high performance, flexibility, and reliability requirements of all Link Electronics products.

## Features

- Composite & Component SDI
- SMPTE 259M, 344M, 292M compliant

- Serial Digital Input
- HD Input
- Eight Serial Outputs

- Fault Indication
- Automatic Equalization and Re-clocking

# 1132

## HD/SD-SDI Reclocking DA 1x4 or 1x8



### Serial Digital Video Input:

Number of Inputs: ..... 1  
Connectors: ..... BNC  
Standards:  
    Composite SDI: ..... 143Mb/s  
    SD SDI: ..... 177Mb/s, 270Mb/s, 360Mb/s, 540Mb/s  
    SD HD: ..... 1.4835/1.485Gb/s  
Impedance: ..... 75S  
Return Loss: ..... >15dB  
Signal Level ..... 800mV ± 10%  
Input Cable Length Max:  
    SD: ..... 300m at 270Mb/s  
    HD: ..... 100m at 1.485Gb/s

### Digital Outputs:

Number of Outputs: ..... 4 or 8  
Connectors: ..... BNC  
Standards: ..... Same as input  
Impedance: ..... 75S  
Return Loss: ..... >15dB  
Signal Level: ..... 800mV ± 10%  
Rise & Fall Time:  
    SD: ..... 800ps Max  
    HD: ..... 220ps Max  
Overshoot: ..... 8% of Amplitude  
Additive Jitter:  
    SD at 270Mb/s: ..... 25ps p-p, typical  
    HD at 1.485Gb/s: ..... 15ps p-p, typical

### Front Module Indicators:

Cable Length Indicator: ..... Only used for SMPTE 259M standards, Green LED(4)  
Lock Detect: ..... Green LED  
Loss of Signal: ..... Red LED  
SD: ..... Green LED  
HD: ..... Yellow LED  
Data Rates: ..... Green LED(6)

### Environmental:

Temperature: ..... 0° to 50°C Ambient  
Humidity: ..... 10% to 90% non-condensing  
Power: ..... 4.2 Watts

### Mechanical:

Height: ..... 3.2 Inch  
Width: ..... 1.0 Inch  
Depth: ..... 10 Inch  
Weight: ..... 7.25 Oz

1032 Rear Cell SDI Video

- 0. Input
- 1. Output
- 2. Output
- 3. Output
- 4. Output

