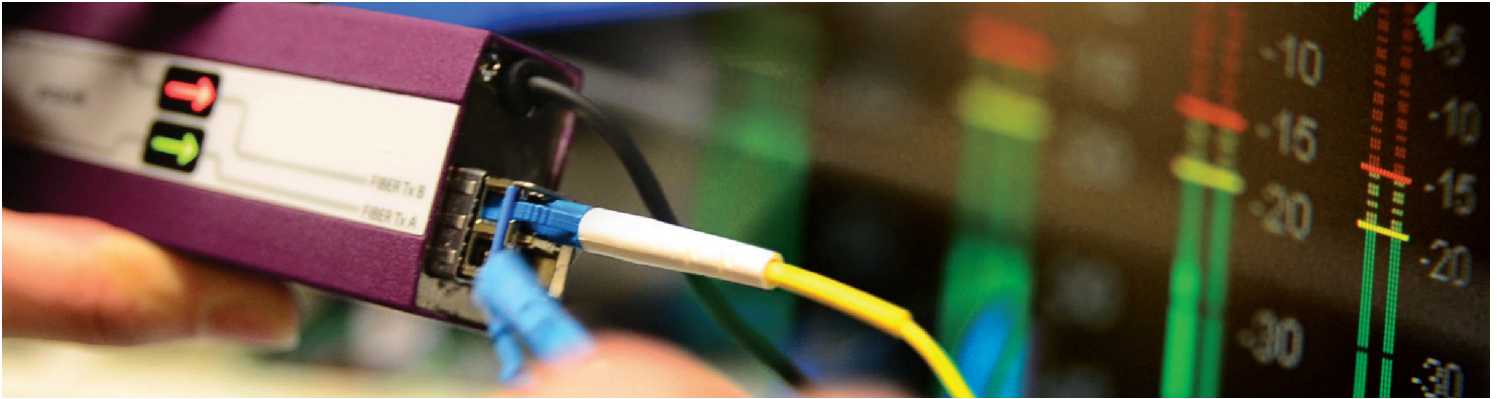


PicoLink Series SDM-874p

HD/SD Serial Digital Video to DVI Converter



Cost-efficient performance and versatility.

The SDM-874p from Grass Valley, a Belden Brand, is a miniature digital video interface converting HD/SD video signal to digital RGB (DVI-HDTV). It provides automatic input scan rate detection and supports a wide variety of input formats (525i, 625i, 720p, 1080i, 1080p).

The primary application is to convert SD/HD serial to digital RGB for the purposes of feeding a DVI-HDTV display or a projector (CRT, LCD, plasma, DLP, D-ILA etc).

In order to support the emerging popularity of 24p equipment and digital display, the SDM-874p outputs DVI-D with selectable 3:2 sequence insertion. In addition, the SDM-874p is compatible with any 1920x1200 native resolution displays including the Apple HD Cinema Display.

SPECIFICATIONS

Input
Signal:
SMPTE ST 259-C (270 Mb/s)
SMPTE ST 292 (1.485, 1.485/1.001 Gb/s) with reclocked loop-through
Cable length: 100m (328 ft.) at 1.5 Gb/s (Belden 1694A)
Return loss: >15 dB up to 1.5 GHz

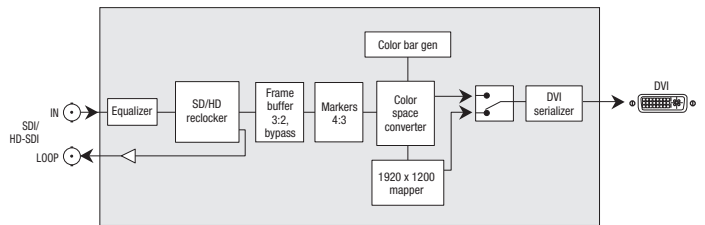
Output
Signal: Signal: Digital fixed GBR (DVI)
Connector: DVI-I, female, compliant to DVI 1.0 pinout
Digital format: DVI output format are compliant to EIA/CEA-861-B

General Performance
Processing delay:
Min.: 107 μ s
Max.: 50 ms

Electrical
Voltage: 5 VDC
Power: 5W

ORDERING

SDM-874p	SD/HD serial digital video to CAV converter
Accessories	
LKS-WSU	Power supply for 110V or 220V
pL-Tray	40W rack mounted tray for up to 10 picoLinks
pico-PA	12V to 5V power adapter



SDM-874p Functional Block Diagram