

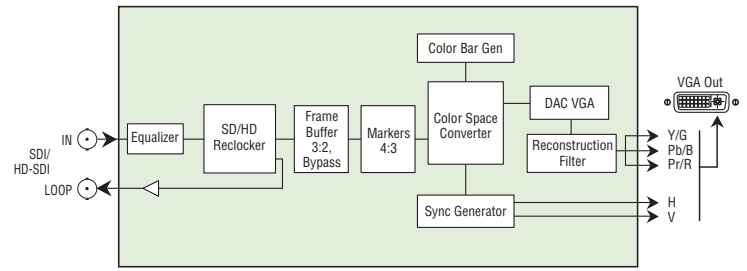
SDM-873p HD/SD Serial Digital Video to CAV Converter



The SDM-873p is a miniature digital video interface converting HD/SD video signal to CAV (YPbPr or RGB). 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 digital video to CAV for the purposes of feeding a VGA monitor and projector (CRT, LCD, Plasma, DLP, D-ILA etc). In order to support the emerging popularity of 24p equipment and display, the SDM-873p outputs CAV over a DVI-I connector with selectable 3:2 sequence insertion.

Key Features and Benefits

- ⊕ SDI / HD SDI video input with active loop-through
- ⊕ CAV output (YPbPr or RGB)
- ⊕ Supports 525i, 625i, 720p, 1080p, 1080i with automatic input scan rate detection
- ⊕ Supports direct output, p to PsF, PsF to p, 3:2 insert, Panasonic Varicam
- ⊕ Built-in test signal and 4:3 markers
- ⊕ Compact stand-alone package



SDM-873p Functional Block Diagram

Technical Specifications

INPUT

SIGNAL: SMPTE 259M-C (270Mbps) and SMPTE 292M (1.485, 1.485/1.001 Gbps) with reclocked loop-through

CABLE LENGTH: 75 m (350') (Belden 1694A)

RETURN LOSS: > 15 dB up to 1.5 GHz

OUTPUT

SIGNAL: Analog user selectable Y/Pb/Pr or GBR

CONNECTOR: DVI-I, Female, compliant to DVI 1.0 pin out equivalent to VGA standard with DVI to VGA adapter

ANALOG

FORMAT: Auto select based on input signal

SYNC OUT: User Selectable: CS on all components or none (H/V activated)

H/V LEVEL: TTL Level

GENERAL PERFORMANCE

QUANTIZATION: 10 bits

POWER: 5 W

POWER VOLTAGE: 5 V

Ordering Information

SDM-873p	SD/HD Serial Digital Video to CAV Converter	Accessories: LKS-WSU LKS-CPS pL-Tray pico-PA	Power Supply For 110 V or 220 V Rack-Mount Centralized Power Supply with Redundancy picoLink Mounting Tray And Power Supply 12V to 5V Power Adaptor
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