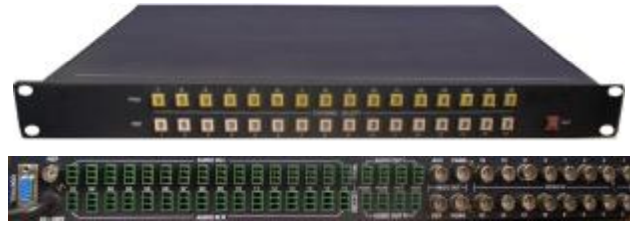


GW7300 Multi Standards Matrix Switcher



GW7300 is designed for the mixed video routing from analogue video to digital video. It supports the multi-standards: SDI, Analogue Video, Analogue Audio and RS-422 Data. Each function module can be installed in a compact 19" 1U or 3U or 6U chassis. The front panel pushbutton represents each of input signals or each of output signals.

The cable equalization function can compensate the Belden 8281 cable loss for up to 225 meters. The re-clock function works at 143Mbps, 177Mbps, 270Mbps, 360Mbps and 540Mbps data rates, ensuring no jitter due to the connecting cable.

Features:

- | 19" 1U or 3U or 6U standard chassis with standby power supply
- | Routing Switcher 2×1~2×2, 4×1~4×4, 8×1~8×8, 16×1~16×16
- | Standards: SDI, Analog Video, Analog Audio, RS-422 Data
- | Analog Audio: mono, stereo, balanced or unbalanced
- | Analog Video: Composite Video, RGB/YUV Video
- | Auto Input Equalization
- | Clock Recovery Option
- | Remote Control Optional
- | Memory on power shut off

Specifications

Input Standards: 143Mbps/177Mbps/270Mbps/360Mbps

Equalization: up to 225m (270Mbps) Belden 8281

Re-clocking: optional on outputs

Impedance: 75 ohms

Return-loss: >18dB (5MHz-360MHz)

Signal-level: 800mv ± 5%

Rise/fall time: 400~700ps

DC offset: 0V ± 0.5V

Overshoot: <10%

Jitter: <540 ± 10% ps

Connector: BNC

Power Supply: 90-265V, 50/60Hz AC

Ordering Information:

GW7300-ABC Digital Video Multi Standards Routing Switcher

A: Number of Input Digital Videos 4 or 8 or 12 or 16

B: Number of Output Videos 01 or 02 or 04 or 08 or 12 or 16

C: A_SDI Video with Mono Audio, S_SDI Video with Stereo Audio

VS_SDI Video, Composite Video, Stereo Audio

YS_SDI Video, YUV Video, Stereo Audio

WS_SDI Video, Composite Video, YUV Video, Stereo Audio

WSD_SDI Video, Composite Video, YUV Video, Stereo Audio, RS-422 Data