

GW7200 Compact Digital Video Routing Switcher



GW7200 is a compact digital video Matrix Routing Switcher for SDI, DVB-ASI, AES/EBU and analogue audio. In the 19" 1U or 6U chassis, the digital video matrix can be 4×1 or extended to 32×16 (maximum 64×8). 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 6U standard chassis
- | Routing Switcher 4×1~4×4, 8×1~8×8, 16×1~16×16, 32×4~32×32, 64×8
- | Digital Video: SDI, DVB-ASI
- | Auto Input Equalization
- | Clock Recovery Option
- | Remote Control Optional via RS232
- | 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:

GW7200-ABC SDI/ASI Small Matrix Routing Switcher

A: Number of Input Digital Videos 4 or 8 or 16 or 32 or 64

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

C: None_Digital Video Only, E_Digital Video with Equalization

R_ Digital Video with Equalization and Re-Clock