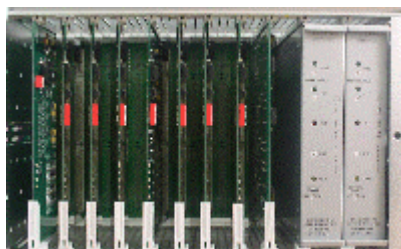


GW7600 Digital Video Matrix Switcher



GW7600 is high density routing switching for either Hard Disk Broadcasting (SDI Switcher) or CATV headend (ASI Switcher). Based on 32×32 slot, the 6U chassis can extend from 128×128 to 512×512. All slots are hot pluggable. GW7600 can switch any digital signal from 10Mbps to 1.5Gbps, including HD (SMPTE-292M 1.485Gb/s), SD (SMPTE-259M 143Mb/s, 177Mb/s, 270Mb/s, 360Mb/s) and ASI signals.

The cable equalization function can compensate the Belden 8281 cable loss for up to 225 meters (270Mbps). The re-clock function works at 143Mbps, 177Mbps, 270Mbps, 360Mbps, 540Mbps and 1485Mbps data rates, ensuring no jitter due to the connecting cable.

GW7600 is equipped with 5 set RS-232 communication interfaces for remote control or multi local control.

Features:

- | 19" 6U standard chassis with standby power supply
- | Routing Switcher 32×8~32×32, 48×8~48×48, 64×8~64×64, 96×8~96×96, 128×8~128×128, 256×16~256×256, 512×16~512×512
- | Standards: DVB-ASI, SDI, Analogue Audio
- | Analog Audio: mono, stereo, balanced or unbalanced
- | Digital Video: SDI with or without embedded audio
- | Auto Input Equalization
- | Clock Recovery Option
- | Remote Control Optional
- | Memory on power shut off

Specifications

Input Standards: 143Mbps/177Mbps/270Mbps/360Mbps or 1485Mbps

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:

GW7600-ABC SDI/ASI Mass Matrix Routing Switcher

A: Number of Input Digital Videos 32 or 48 or 64 or 96 or 128 or 256

B: Number of Output Digital Videos 8 or 16 or 32 or 48 or 64 or 96 or 128 or 256

C: None_Digital Video Only, A_Digital Video with Equalization, Mono Audio

E_Digital Video with Equalization, R_Digital Video with Equalization and Re-Clock

S_Digital Video with Equalization, Stereo Audio