

## GW7800 HD-SDI Routing Switcher

GW7800 1080P HD-SDI Routing Switcher is complied with SMPTE and ITU standards, supporting digital signal of 1080p/50Hz/60Hz at 3Gbps and 1080i/50Hz/60Hz at 1.5Gbps. GW7800 allows signal datarate from 10Mbps~3Gbps. GW7800 capacity can be 4×4~32×32 and 32×48~64×64, maximum 256×256.



### Features:

- I 19"1U/3U/6U/12U standard chassis with standby power supply
- I Standards: 3Gbps HD-SDI, 1.5Gbps HD-SDI, SD-SDI, DVB-ASI
- I Auto Input Equalization
- I Clock Recovery Option
- I Management Software can be installed in Windows/XP/Vista system
- I Remote Control Optional
- I Memory on when power shut off

### Specifications

Input Standards: 3Gbps HD-SDI, 1.5Gbps HD-SDI, SD-SDI, DVB-ASI

Equalization: SD-SDI: 0-300 m Belden 1694A or equivalent

1.5G 1080i HD-SDI: 0-100 m Belden 1694A

3G 1080p HD-SDI: 0-50 m Belden 1694A

Re-clocking: optional on outputs

Impedance: 75 ohms

Return-loss: >15 dB 5 MHz to 1.5 GHz >12 dB 5 MHz to 3 GHz

Signal-level: 800mv±5%

Rise/fall time: SD-SDI: 400~700 ps

1.5G 1080i HD-SDI: <135 ps

3G 1080p HD-SDI: <70 ps

DC offset: 0V±0.5V

Overshoot: <10% Jitter: <0.3UI

Connector: BNC

Power Supply: 100-240V, 50/60Hz AC

### Ordering Information:

#### GW7X00-ABC HD-SDI Routing Switcher

X: 6-1.5Gbps HD-SDI 8-3Gbps HD-SDI

A: Number of Input HD-SDI 32 or 48 or 64 or 96 or 128 or 256

B: Number of Output HD-SDI 8 or 16 or 32 or 48 or 64 or 96 or 128 or 256

C: E\_HD-SDI with Equalization, R\_HD-SDI with Equalization and Re-Clock