



## SeaChange ≡ Spot Inserter 20100™

### 100 Channel Digital Transport Stream Inserter

The SeaChange Spot Inserter 20100™ is a 100 channel Digital Transport Stream Inserter designed for use in Regional Ad Insertion Centers. Fully compatible with existing SeaChange® installations and housed in a 4 RU chassis, the Spot Inserter 20100 offers 25 channels per rack unit.

The SeaChange Spot Inserter 20100 is equipped with Gigabit Ethernet output ports using copper or optical fiber (@ 850 and 1310 nm) connections. This enables the Spot 20100 to be compatible with enterprise and telecom networks and supports one-to-many inserter/QAM interconnect schemes.

Because outages at regional ad insertion centers can have wide-ranging impact on operations, SeaChange has developed special version TSI inserters, video libraries, databases and tone delivery systems, and special system software called SeaChange Spot+ Software™, that ensure high first-time run-rates. The Spot 20100 Inserter is the first digital transport stream inserter specifically designed to work with the Spot+ Software for high availability installations. In a Spot+ environment, Spot 20100 inserters can be combined to provide 1:N and M:N backup capabilities. Please ask your SeaChange representative for additional information about the Spot+ Software for digital ad insertion systems.



## FEATURES

- Up to 100 TSI SD digital channels (at 3.75Mbps)
- 2 video output ports
- Gigabit Ethernet outputs over copper or fiber
- Improved system and splicing performance
- Microsoft® Windows® 2003 for embedded server
- Works with Spot+ Software for high availability failover and fault detection
- JMR 4 RU SCSI chassis
- Redundant 500 Watt power supplies
- Standard 1 year warranty
- Optional -48V DC power supplies

## CAPABILITIES

- Plays MPEG 2 transport streams encoded between 3.75 Mbps MUX and 9 Mbps MUX for standard definition (4:3 aspect ratio)
- Plays MPEG 2 transport streams encoded between 4 and 19 Mbps for high definition (1080i, 720p, 16:9, 4:3)
- Supports MPEG 1 Layer 2 48 kHz, MPEG 2 Audio, and Dolby-E (AC-3) audio
- Supports embedded closed caption data
- Supports SAP

## ORDERING INFORMATION

Sales Order Number	Description
INS-1065-01	Spot Inserter 20100, 100 channel, GigE Fiber with 850nm laser output
INS-1065-02	Spot Inserter 20100, 100 channel, GigE Fiber with 1310nm laser output
INS-1065-03	Spot Inserter 20100, 100 channel, GigE with copper output