

Features

- Fully Compliant with ISO 13818 and EN300 468
- Up to eight (8) ASI inputs per Chassis
- Two (2) ASI outputs
- TSoIP output port (Gig-E)
- Output bit rate up to 216 Mbps
- PID Remapping (Automatic or Manual)
- PCR regeneration
- Front panel control with backlit, alphanumeric full-travel buttons
- Large illuminated LCD display
- 1RU compact rugged rackmount chassis
- Automatic PSI regeneration
- High reliability design
- Fully ATSC and DVB compliant

MUX-5008 Multiplexer

Flexible multiplexer for broadcast applications

Description

International Datacasting's MUX-5008 is an extremely feature rich transport stream multiplexer. Up to 8 ASI inputs can be supported. The output may be configured as two separate multiplex groups to simplify feeding different service providers with different groups of services.

Flexible Configurations

The MUX-5008 can multiplex from 2 to 8 input ports, with support for stream grooming and rebranding. A single unit may support two entirely different multiplexes. This is useful when feeding the primary multiplex to a local DTV transmitter, with a separate multiplex for local cable operators.

Easy to use

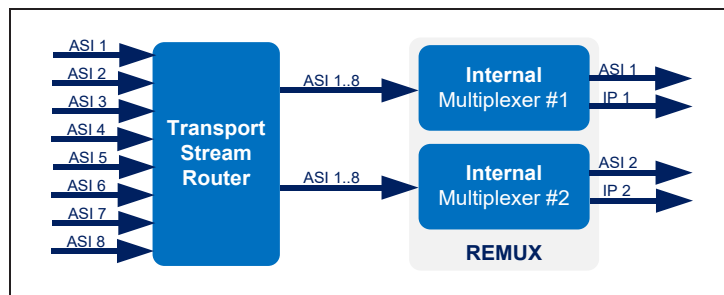
There is a complete set of backlit alphanumeric full-travel buttons on the front panel for easy configuration, even in the dark. The large LCD display is illuminated, yet provides high contrast for visibility in direct sunlight. Control may be via the simple front panel interface or via the integrated web browser controlled software interface.

Reliable and affordable

The MUX-5008 multiplexer provides an industry-leading set of features in a highly compact, highly affordable package. The unit is designed for demanding 24 / 7 environments for years of reliable operation.

IP and ASI output

The Gigabit IP output may be configured for SCPC or MCPC operation. Since both the ASI and IP ports are active simultaneously, your multiplex can be used for IP and ASI operation without the use of external conversion devices.



TECHNICAL SPECIFICATIONS—MUX-5008 Multiplexer



| STANDARD FEATURES | |
|------------------------------------|--|
| Transport Inputs | <ul style="list-style-type: none"> Up to eight (8) ASI inputs supported ISO 13818 DVB and ATSC Compliant |
| Transport Stream Processing | <ul style="list-style-type: none"> Graphical representation of each received transport stream PID filtering and remapping Stream rebranding PSI table rebuilding PSI table editing Large input buffer for error-free handling bursty input streams Automatic PCR restamping to minimize PCR jitter Up to 64 PIDs per output multiplex Provision for EPG insertion |
| ASI Output | <ul style="list-style-type: none"> Two (2) ASI outputs ATSC or DVB compliant output Bit rate to 216 Mbps 2 independent transport stream multiplexes |
| IP Outputs | <ul style="list-style-type: none"> Two (2) IP transport stream outputs over the Gigabit Ethernet port Each output stream is a mirror of the associated ASI output TS over UDP Multicast supported |

| STATUS AND CONTROL INTERFACES | |
|-------------------------------|---|
| Front Panel Control | <ul style="list-style-type: none"> Backlit, Full-Travel Pushbuttons Backlit LCD Display |
| Remote Control | <ul style="list-style-type: none"> Web Based Control management RJ 45 100Base-T |
| POWER REQUIREMENTS | |
| Supply Voltage | <ul style="list-style-type: none"> 90 to 240 VAC, 50 or 60 Hz |
| Power Consumption | <ul style="list-style-type: none"> 70 Watts maximum |
| PHYSICAL PARAMETERS | |
| Chassis | 1RU rackmount |
| Dimensions (H, W, D) | 4.5 cm x 43.2 cm x 39.4 cm (1.77" x 17" x 15.5") |
| Weight | 5.5 kg (12 lbs) |
| ENVIRONMENTAL CONDITIONS | |
| Operating Temperature | 0° to 45° C (32° to 113° F) |

International Datacasting Corporation is a technology provider for the world's premiere broadcasters in radio, television, data and digital cinema. IDC's products and solutions are in demand for radio and television networks, targeted ad insertion, digital cinema, 3D live events, VOD, and IPTV. IDC is headquartered in Ottawa, Canada, has installations in over 100 countries, and a strong world-wide network of value-added partners and distributors. For more information visit: www.datacast.com.

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