



Starburst Technologies - Digital Transport Solutions

Starburst Technologies, a division of **PDI Communications, Inc.** (in business since 1986), is a leading manufacturer of innovative, high-performance products for the telecommunications industry. The **Starburst SB-HDQP-2130** (ATSC to QAM Processor) receives terrestrial off-air ATSC signals then transcodes them along with any sub-channels to an MPEG-2 Clear QAM channel output. Signals are then transported (via QAM head end) over a typical RF Coaxial and/or HFC Fiber distribution network. Each SB-HDQP-2130 module accepts 2 ATSC or 2 QAM inputs and has 2 QAM output channels. Each SB-HDQP-2130 chassis accepts 6 modules therefore each chassis can handle 12 ATSC HD inputs along with their sub-channels.

FEATURES

- Digital HD picture quality
- Digital Compression: 50% bandwidth reduction
- MPEG2 and/or MPEG4 HDTV compatible
- Remote IP interface
- 2U design
- Quick boot-up
- Covers frequency range from 54 to 860MHz
- Local control via friendly front button Control Panel

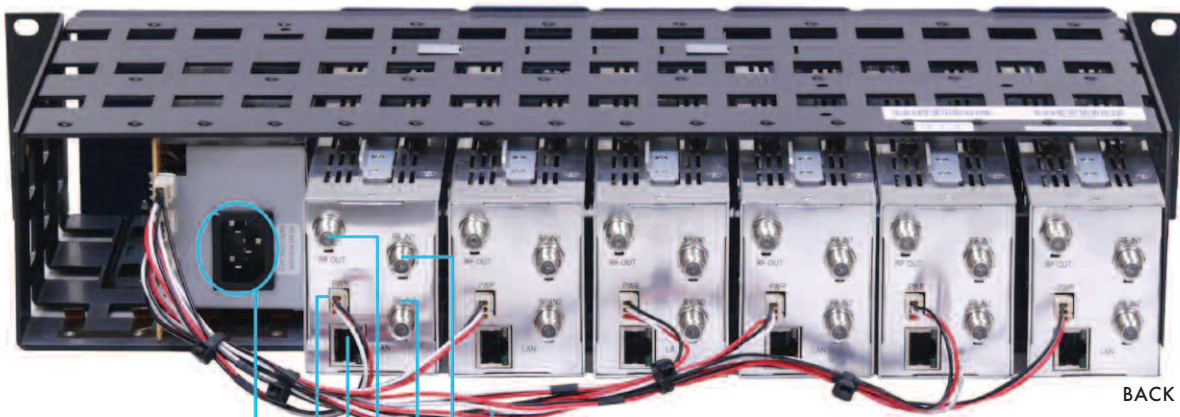


CALL NOW - 1.800.242.1606



FRONT

- 0: LED DISPLAY
- 1: Channel Input 2 LED
- 2: Channel Input 1 LED
- 3: Power LED Indicator
- 4: Control Buttons
- 5: QAM LED
- 6: Power Supply LED Indicator
- 7: Starburst Power Supply



BACK

- 8: AC Power Input
- 9: DC Power
- 10: LAN (RJ-45) Management Port
- 11: RF Output
- 12: RF Input 2
- 13: RF Input 1
- 14: DC Power Cord

- 6 ATSC to QAM Processor Modules (part # **SB-HDQP-2130**) per Chassis (part # **50121PH** Chassis)
- 1 POWER SUPPLY per Chassis (part # **50121PS**)
- 12 ATSC inputs per chassis plus sub channels
- 12 QAM outputs per chassis

SPECIFICATIONS

Input Channel

Combinations: 2xATSC/2xQAM/1xATSC + 1xQAM

Input QAM

Channel range: 2-134
 Frequency range: 54-860MHz
 QAM mode: 64QAM / 256QAM
 Data Rate: 26.9Mbps (64QAM), 38.8Mbps
 Input Level: (-12 to +10dBmV)

RF Output

RF carriers: 2
 Channel range: 2-134
 Frequency range: 64QAM / 256QAM
 Data rate: 26.9Mbps (64QAM), 38.8Mbps

Input 8VSB / ATSC/ OFF AIR

Tuning range: UHF: 14-69, VHF: 2-13
 Input Level: (-30 to +10dBmV)
 Frequency range: 54-806MHz
 Data rate: 19.392Mbps CONTROL
 Local operation: Front panel push button
 Remote operation: Web browser

STREAM

PSIP: MGT/CVCT/STT regenerator

GENERAL

Dimensions: 68x50x250 mm
 Weight: 0.8 kg
 Power source: DC 12V/ DC 5V



6353 West Rogers Circle
 Boca Raton, Florida 33487-2757
www.pdiconnected.com
sales@pdiconnected.com

Toll Free: 1.800.242.1606
 Local: 561.998.0600
 Fax: 561.998.0608
 Support: 9-5 Eastern M-F

