EtherTV Mux is a powerful and reliable IP DVB multiplexer with ASI output for DTH terrestrial, contribution systems and for re-multiplexing applications. It can be used in combination with all EtherTV devices. It provides the possibility to use classical ASI inputs. EtherTV Mux is, in fact, a compact IP multiplexing solution that provides IP input and ASI output on a single board.

KEY FEATURES

- IP Multiplexed of SPTS DVB transport streams flows over IP (compliant with ETSI TS 102 034).
- PSI/SI table management, monitoring and processing.
- Reliable PCR re-stamping.
- Powerful multiplexing algorithms.
- Output rate up to 20 Mbit/s
- Flow management for external PSI/SI table generation.
- Advanced ghost components management to make easier the multiplexing of CA encrypted services
- Carrier grade, 24/7 operation
- SAP/SDP support
- Easy configuration via POLARplus Manager software tool
- SNMP monitoring
- Hot swappable and auto-start feature
- Compact Solution based on blade operation inside three possible chassis (see etherTV chassis brochure).

SPECIFICATIONS AND REQUIREMENTS

o **ASI Interface**
  - ✓ 2x mirrored outputs (EtherTV Bridge OUT)
  - ✓ Connector: BNC female, 75 Ω
  - ✓ Maximum Bitrate: 213.7 Mbps
  - ✓ Input Return Loss: > 17dB

o **Processing (EtherTV Bridge OUT)**
  - ✓ Throughput: 20 Mbps max.
  - ✓ Buffering of 100 ms.
  - ✓ Max. accepted jitter measurements (fully compliance with ETSI TS 102 034):
    - ▫ 180 ms for 20 Mbps TS

o **Network Interface (Streaming and Management)**
  - ✓ 10/100 (RJ45) half/full duplex, auto negotiate

o **Network Protocols**
  - ✓ UDP/RTP (Streaming Multicast/Unicast)
  - ✓ TCP/IP (Management)
  - ✓ SAP/SDP
  - ✓ IGMP v1, v2

o **Power:**
  - ✓ 4 W per blade

o **Physical:**
  - ✓ Height x Width x Depth: 129 x 20 x 174 mm
  - ✓ Weight: 150 gr.

o **Environmental:**
  - ✓ Agency Approvals: CE, RoHS
  - ✓ Humidity: Up to 80%, non condensing
  - ✓ Temperature: 0 to +50 ºC; fan less when operated in single box chassis

o **Limited Warranty:**
  - ✓ 1-year standard limited warranty. Warranty extensions are available

ORDERING INFORMATION

o **POL-ETV-MUX : EtherTV Multiplexer**

For more information, please email **iptv@bc-techs.com**. All specifications are subject to change without notice