

# BIDIRECTIONAL TSoIP-DVB-ASI GATEWAY

DVB-ASI WEB IP

**PBX-ENP-200** is bidirectional **TSoIP-DVB-ASI** gateway that provides a reliable solution for delivering video content over **IP networks**.

**Independent** ASI → IP and IP → ASI conversion.

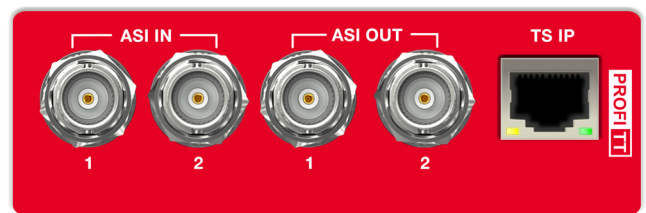
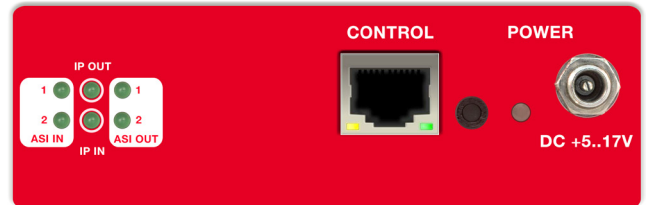
Two Ethernet ports and input/output ASI interfaces.

Dedicated Ethernet port allows **IP transmission with low jitter**.

Advanced **jitter compensation** algorithm to prevent packet loss due to late arrival.

Unicast and Multicast IP addressing for maximum network flexibility.

Easy to use **Web interface**.



- ▶ **STANDALONE IP-ASI CONVERTER**
- ▶ **UDP, RTP, 2D FEC (SMPTE-2022)**
- ▶ **COMPACT DESIGN**

## TECH SPECIFICATIONS

DVB-ASI input and output
TSoIP encapsulation over UDP, RTP (SMPTE-2022)
Ethernet 100BaseTX and 1000BaseTX
<b>DVB-ASI → TSoIP converter</b>
DVB-ASI input
Conversion latency <b>10ms</b>
Input bitrate <b>0..216 MBit/s</b>
<b>IP → DVB-ASI converter</b>
Two DVB-ASI outputs
TSoIP input <b>100/1000 MBit/s</b>
Jitter tolerance up to 120ms
<b>Management interface</b>
Web interface
100/1000BaseTX Ethernet
<b>GPIO</b>
GPI relays up to 10W, 36V
DHS-26M socket

## APPLICATIONS

- Tunneling ASI between remote locations
- ASI distribution to transmitters
- ASI delivery to Content Delivery Network

## FEATURES

- **Independent** ASI-IP and IP-ASI converters in a single unit
- **Low jitter** IP transmission
- Supports IP encapsulation 2D FEC according to SMPTE 2022-1/2
- **Jitter compensation** and packet recovery algorithm
- Multicast support
- Low delay processing
- Two Ethernet ports (IP transport, configuration and monitoring)
- **Web interface** for configuration
- Status GPIO
- Lightweight unit (160x105x33.5 mm, 1kg)