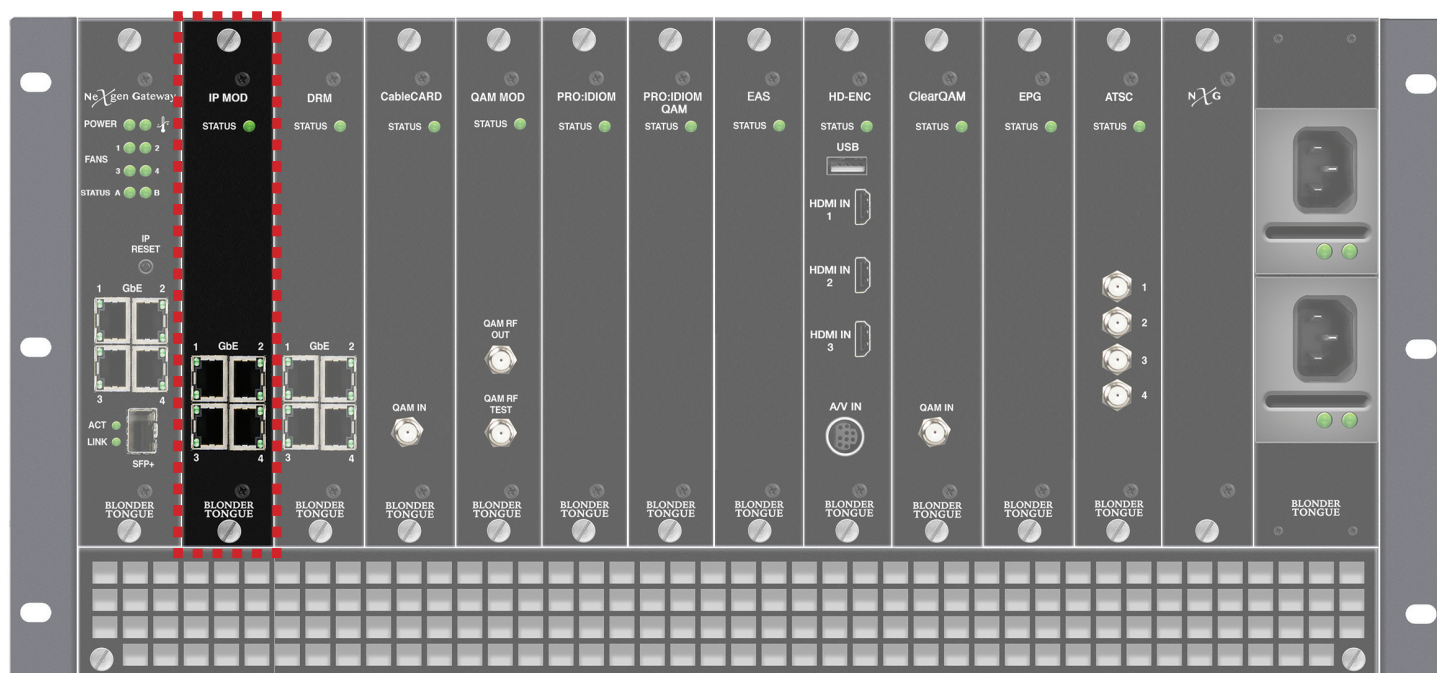The **NXG-IP-MPTS (IP Input Module MPTS)** is part of Blonder Tongue's flagship NeXgen Gateway (NXG) platform that provides IP input connectivity to the NXG backplane.

The **NXG-IP-MPTS** accepts MPTS or SPTS, MPEG-2 or H.264 IP transport streams and automatically converts them to all SPTS into the backplane for muxing and distribution.

The **NXG-IP-MPTS** accepts up to 32 MPTS per 1Gb RJ45 Ethernet port, and up to 16 programs per MPTS, for a full capacity of 2048 streams.

Features

- Each port supports up to 32 MPTS
- Accepts up to 128 MPTS per module
- Supports up to 16 programs per MPTS
- Supports both MPEG-2 and H.264 content
- VBR or CBR
- IGMPv2 and IGMPv3 (primary and secondary source IP addresses)

Ordering Information

Model	Stock #	Description
NXG-IP-MPTS	6798 M	IP Module MPTS - 128 MPTS Input Streams (16 Programs per MPTS); 4xGbE Ports

Specifications

Input

IP:	2.2 Gb via RJ45 Connectors
Video Codecs:	MPEG-2 or H.264
Addressing:	Multicast or Unicast
MPEG TS:	MPTS
Management:	IGMPv2 & IGMPv3

Output

IP:	2.2 Gb to back plane SPTS available for all other modules

General

Dimensions (W x D x H):	1.15 x 15.5 x 7.0 inches (29 x 394 x 178 mm)
Power:	Via NXG Mainframe back plane
Power Consumption:	11 W
Weight:	2.0 lbs (0.9 kg)
Operating Temperature:	32 to 122 °F (0 to 50 °C)
Storage Temperature:	-13 to 158 °F (-25 to 70 °C)
Operating Humidity:	0 to 95% RH @ 35 °C max, non-condensation
Storage Humidity:	0 to 95% RH @ 35 °C max, non-condensation

Alarms/Monitoring

Front Panel Indicator:	1x Status LED

System Overview