

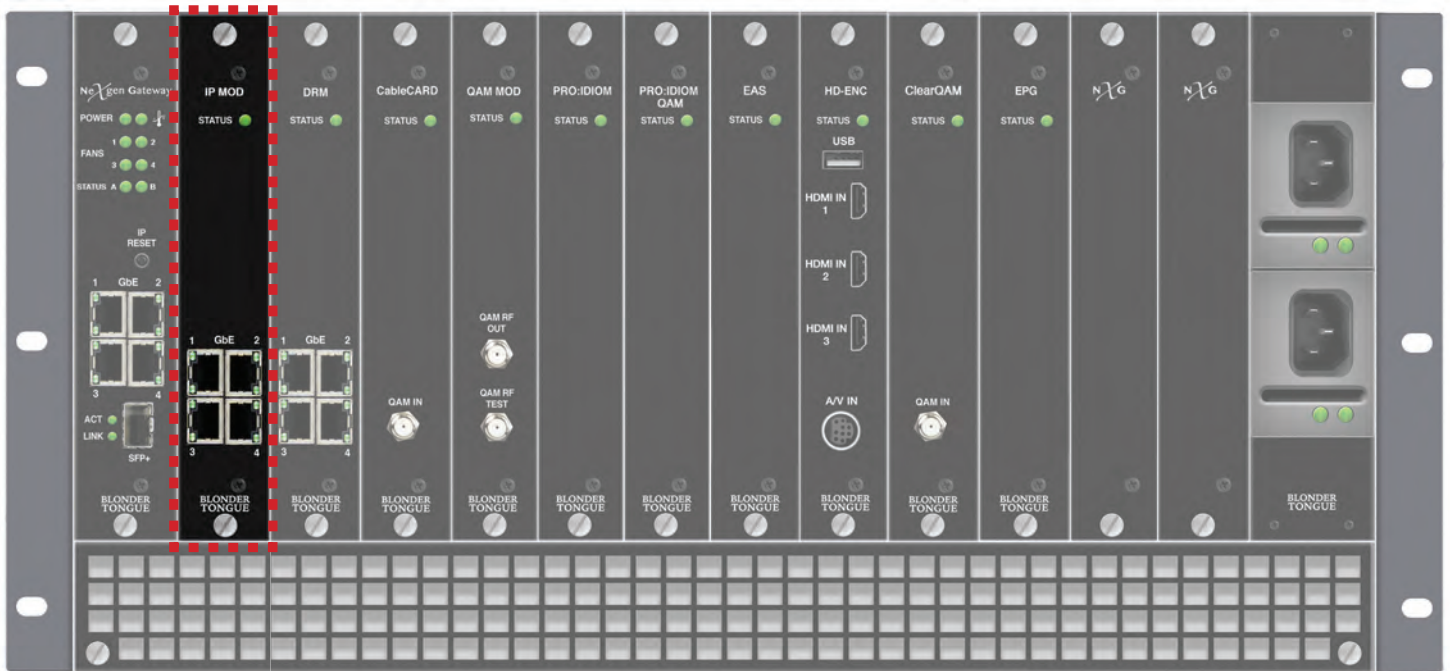
**Blonder  
Tongue**

**NeXgen Gateway**  
IP Input Module MPTS

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

**Made in U.S.A.**

Rev: 011519  
Blonder Tongue is ISO 9001:2015 Certified

# Specifications

## Input

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

## Output

<b>IP:</b>	2.2 Gb to back plane SPTS available for all other modules
------------	--

## General

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

## Alarms/Monitoring

<b>Front Panel Indicator:</b>	1x Status LED
-------------------------------	---------------

# System Overview

