

# NeXgen Gateway NXG-IP IP Module SPTS



The **NXG-IP (IP Module SPTS)** is part of Blonder Tongue’s flagship NeXgen Gateway (NXG) platform that provides IP input and output connectivity to the NXG backplane.

The **NXG-IP** accepts incoming MPEG-2 or H.264 IP transport streams in an SPTS format. The module supports up to 256 SPTS per 1Gb RJ45 Ethernet port.

Full-duplex for a total capacity of up to 1024 SPTS inputs, and 1024 SPTS outputs per module.

## Features

- Each port can be configured as an input and/or output port
- Each port supports up to 256 SPTS
- Supports up to 1024 SPTS full-duplex per module
- Supports both MPEG-2 and H.264 content
- VBR or CBR
- IGMPv2 and IGMPv3 (*primary and secondary source IP addresses*)

## Input

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

## Output

<b>IP:</b>	2.2 Gb via RJ45 Connector
<b>Video Codecs:</b>	MPEG-2 or H.264
<b>Addressing:</b>	Multicast or Unicast
<b>MPEG TS:</b>	SPTS Full-Duplex

## Alarms & Monitoring

<b>Front Panel:</b>	1x Status LED (Green)
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## 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 Backplane
<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/Storage Humidity:</b>	0 to 95% RH @ 35 °C max, non-condensation

## Ordering Information

Model	Stock #	Description
NXG-IP	6798	IP Module SPTS - 256 Input/256 Output IP Streams; 4xGbE Ports