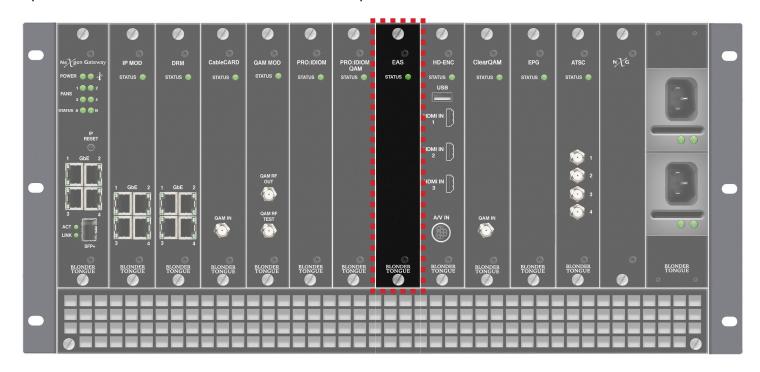The **NXG-EAS (EAS Module for IP)** is part of the Blonder Tongue NeXgen Gateway (NXG) platform that supports full content video delivery from a service provider to enterprise property locations via Ethernet.

The **NXG-EAS** module is a scalable and cost-effective solution allowing video service providers to deliver next generation video content and SCTE compliant Emergency Alert System messaging to hospitality locations.

Each **NXG-EAS** module handles one EAS zone permitting up to 512 SPTS in a single NXG system to service multiple properties with targeted messages by using multiple EAS and IP or QAM output modules. The IP transport streams are then routed to the NXG backplane for further IP or RF distribution.

Features

- SCTE-18 compliant
- One module required for each EAS zone
- Supports Standard Geographical Classification (SGC) codes
  to utilize SCTE-18 for Canadian EAS IP applications
- EAS start/end test capability
- Supports up to 512 programs for EAS broadcast

Ordering Information

Model	Stock #	Description
NXG-EAS	6778	Emergency Alert System (EAS) Module - 1 Zone

Related Products

Model	Stock #	Description
NXG-32CH-QM	6785	QAM Output Module - 32 Agile QAM Carriers
NXG-IP	6798	IP Module SPTS - 256 Input/256 Output IP Streams; 4xGbE Ports

Made in U.S.A.

Specifications

Input

IP: **Addressing:**	IP Streams via NXG mainframe back plane Multicast (v2, v3) or Unicast

Output

IP:	EAS IP streams via NXG mainframe back plane

Alarms/Monitoring

Front Panel Indicator:	1x Status LED

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

System Overview

ClearQAM

CableCARD Encryption PowerKey DigiCipher NDS

COAX RF

Transcoding H.264 to MPEG-2

ClearQAM

IP DRM AES Key Interchange

IP CAT6
QUAD GigE RJ45

COAX

Pro:Idiom IP or QAM

IP

IP Content over Fiber or Ethernet

FIBER
10 GigE SFP+

CAT6
IP

IP DRM DTCP-IP

IP 1xComponent **(DIN)** 3xHDMI **(non HDCP)** 4x8VSB

Local Content

Off-Air Content