

NXG-Cryptolink Innovative-S

Secure Innovative Systems Decryption & Descrambling Module



Key Features

- » Supports Decryption of Innovative Systems™ as well as the NXG-BTCrypt module content.
- » Supports up to 128 Channels of bulk decryption / descrambling
- » Supports Multicast with IGMPv2 and IGMPv3
- » 2 separate 1 Gbps RJ45 input ports

Product Overview

The **NXG Cryptolink Innovative Systems** module accepts incoming Innovative Systems encrypted IP single program transport streams from Multicast sources, for the decryption and descrambling of up to 128 Channels from front panel RJ45 GbE ports. This lets operators manage SMB and Hospitality video customers from their residential multicast IP TV systems, rather than operating several technologies in parallel.

NXG Cryptolink modules can also accept input from other Blonder Tongue NXG-BTCRYPT modules to create highly secure private transmission and reception links between multiple partner devices. NXG Cryptolink is also adaptable to integrate with additional partner devices. Can supports AES and other standard symmetric key international standards.

Ordering Information

| Model | Stock # | Description |
|-----------------------------|---------|---|
| NXG-Cryptolink Innovative-S | 6798 4S | Secure Innovative Systems Decryption Module |

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Module Specifications

| Input | |
|------------|--|
| Connector | 2x 1Gb RJ45 ports (1 & 2) |
| Addressing | Multicast or Unicast |
| Management | IGMPv2 and IGMPv3 |
| MPEG TS: | SPTS |
| Encryption | Innovative Systems / AES-128 / NXG-BTCRYPT-S |

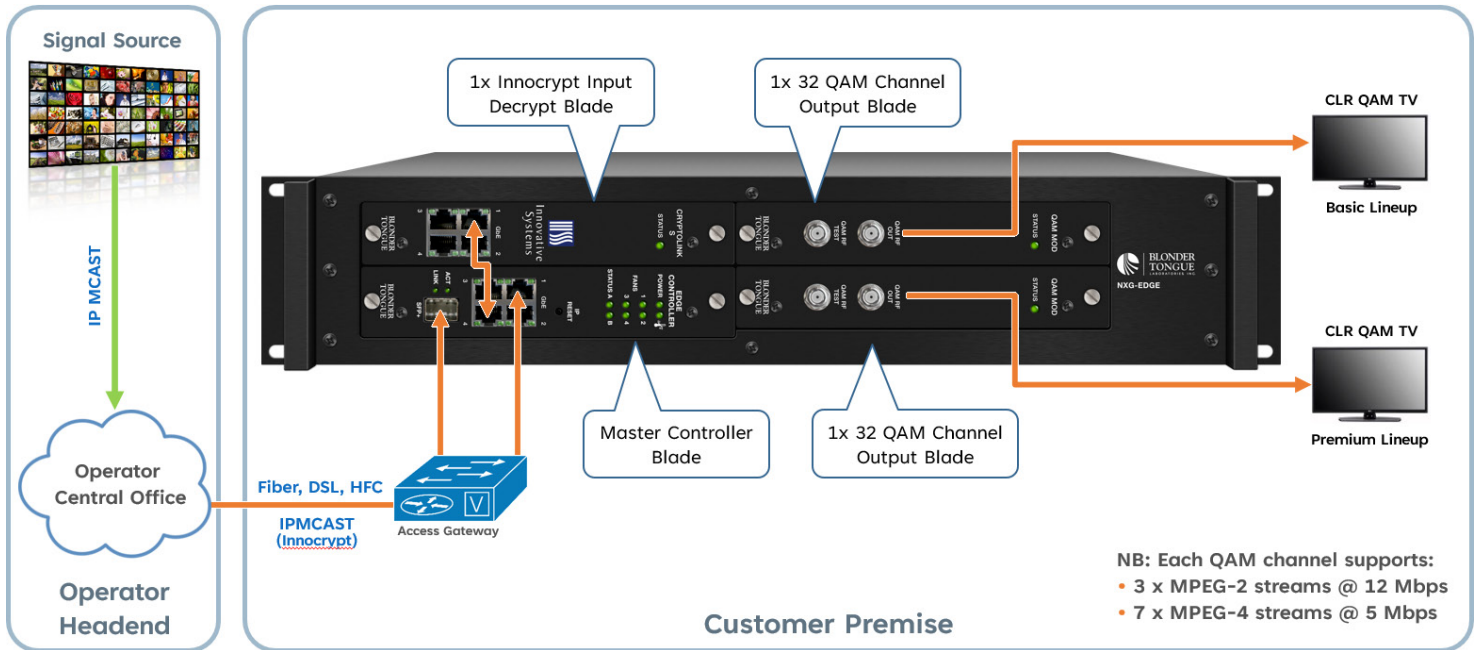
| Alarms & Monitoring | |
|---------------------|-----------------------|
| Front Panel | 1x Status LED (Green) |

| Output | |
|--------|-----------------------------------|
| IP | 2.5 Gb to NXG Mainframe Backplane |

| General | |
|------------------------|---|
| Dimensions (W x H x D) | 1.15 x 15.5 x 7.0 in (29 x 394 x 78 mm) |
| Power | DC via NXG Mainframe Backplane |
| Power Consumption | 11 W |
| Shipping 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-condensing |

Application Diagrams

Customer Premise Application Example



Headend-Based Application Example

