

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 |

NXG-CRYPTOLINK INNOVATIVE-S SPECIFICATIONS



INPUT / OUTPUT INTERFACES

DATA PORTS

| | |
|--------------------------|--|
| ABR Protocol | MPEG - DASH |
| IP | 2.5 Gb from NXG Backplane (IP from Master Controller) |
| Encryption | L3 Widevine with MobiTV Interfaces |
| Video Resolution | Pass-through |
| Closed Captioning | EIA-608 / EIA-708 |
| Addressing | Unicast |
| AUDIO | |
| Input Formats | Pass-through only |
| Input Formats | Pass-through only |

GENERAL

| | |
|-----------------------------------|---|
| Dimensions (W x H x D) | 1.15 x 7.0 x 15.5 in (29 x 178 x 394 mm) |
| Weight | 2.0 lbs (0.9 kg) |
| Power | DC via NXG Mainframe Backplane |
| Power Consumption | 20 W |
| Operating Temp. | 32 to 122 °F (0 to 50 °C) |
| Storage Temp. | -13 to 158 °F (-25 to 70 °C) |
| Operating Humidity | 0 to 95% RH @ 35 °C max, non-condensing |

OUTPUT

UDP SPTS to NXG Mainframe Backplane

STREAM PROTOCOLS

| | |
|-------------------------|--|
| Standard | ISO / IEC 13818-1 Systems |
| TS Packet Length | 188 bytes |
| Sync Byte | 0x47 |
| Encoding Type | CBR / Capped VBR |
| Video Data Rates | DASH stream dependent |
| TS Supported | 64 SPTS |
| Video Format | MPEG-2; H.264 (AVC); H.265 (HEVC) (Pass-through only) |
| Video Resolution | Pass-through only |
| Addressing | Unicast |

AUDIO

Output Formats Pass-through only

ALARMS & MONITORING

Front Panel 1x Status LED (Bicolor)