



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

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
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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

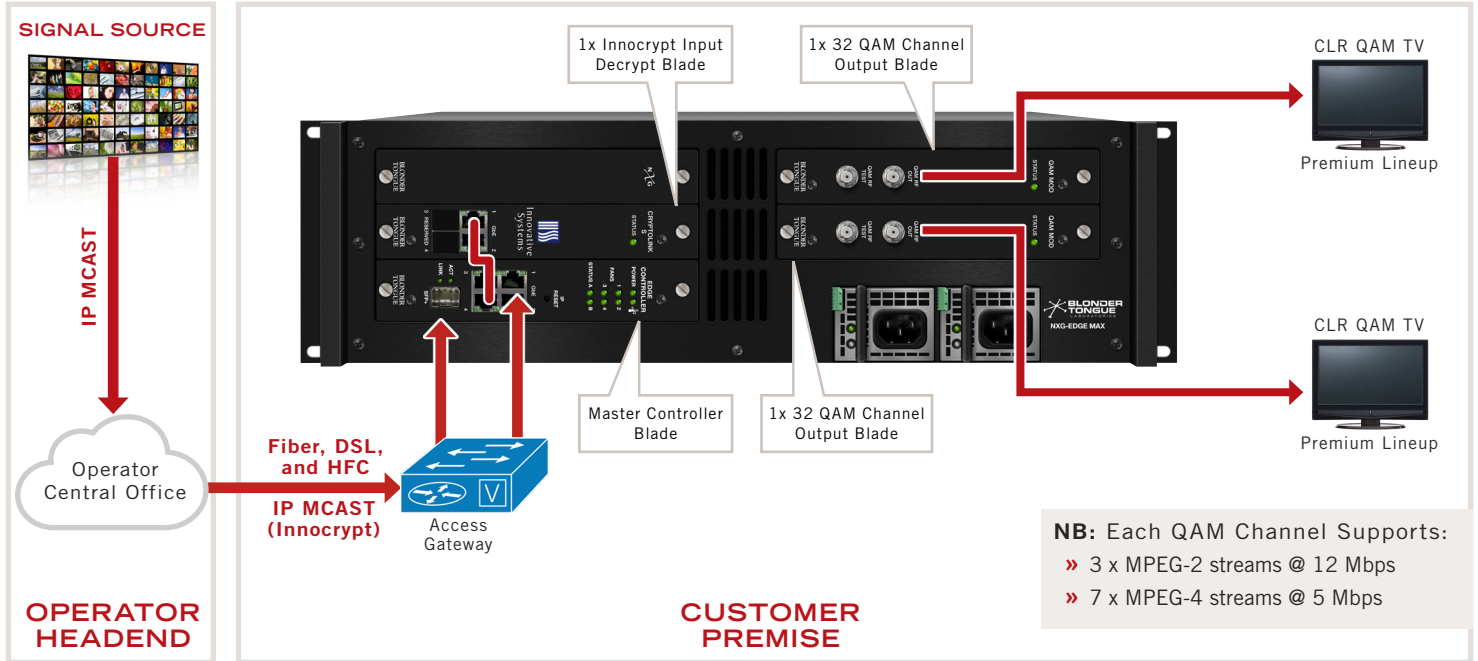
ALARMS & MONITORING

Front Panel 1x Status LED (Bicolor)

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CUSTOMER PREMISE APPLICATION EXAMPLE



HEADEND-BASED APPLICATION EXAMPLE

