



NXG-CRYPTOLINK DASH

CLEAR OTT BULK IPTV VIDEO RE-DISTRIBUTION MODULE

PRELIMINARY
SUBJECT TO CHANGE



KEY FEATURES

- » Provides 64 channels per blade for Clear OTT to linear conversion
- » Deployed as Edge/IP architecture with easy customization to meet all video needs
- » Supports Clear MPEG-DASH ABR Unicast
- » Selectable ABR profiles on a per channel basis
- » Creates Operator Service demarcation point for B2B

PRODUCT OVERVIEW

The **NXG-Cryptolink DASH** module allows Cable, Fiber Optic, and Telco Operators to support Hospitality, Enterprise, and Healthcare customers in managing all their video services from one location, integrated directly into Service Operator's video distribution system.

With the Blonder Tongue NXG Cryptolink module, there is no need to purchase additional servers, STB or hospitality TV's to support SMB/Hospitality customers. Customers can simply add the Cryptolink DASH module to a NXG headend and create linear channel lineups at each customer's property in QAM, IP or Analog/NTSC formats.

ORDERING INFORMATION



MODEL	STOCK#	DESCRIPTION
NXG-Cryptolink DASH	6774 6	DASH bulk video clear ingest module

NXG-CRYPTOLINK DASH SPECIFICATIONS



INPUT	
DATA PORTS	
ABR Protocol	Clear MPEG - DASH
IP	2.5 Gb from NXG Backplane (IP from Master Controller)
Video Resolution	Pass-through
Closed Captioning	EIA-608 / EIA-708
Addressing	Unicast
AUDIO	
Input Formats	Pass-through only
Rates	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

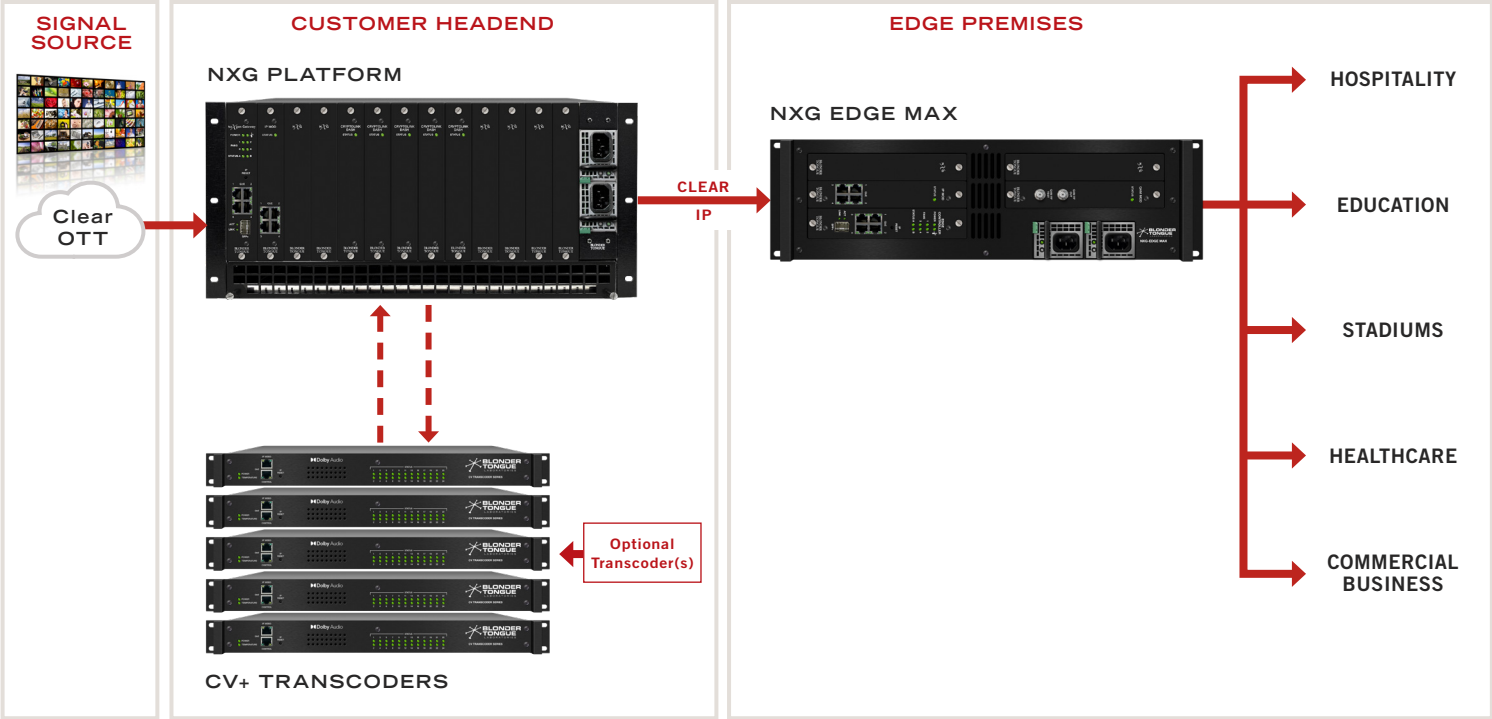
ALARMS & MONITORING	
Front Panel	1x Status LED (Bicolor)

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APPLICATION DIAGRAM

NXG CENTRALIZED DISTRIBUTION APPLICATION



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