



NXG-CRYPTOLINK TIVO

OTT BULK IPTV VIDEO RE-DISTRIBUTION MODULE FOR B2B



KEY FEATURES

- » OTT Video to Linear Broadcast Conversion
- » Descrambles 64 Channels (per blade) for SMB and Hospitality
- » Creates Operator Service demarcation point for B2B
- » Descrambles Widevine DRM on MPEG-DASH ABR Unicasts
- » Selectable ABR profiles on a per channel basis
- » Uses standard MobiTV residential unicast feeds, no need to create separate dedicated bulk video multicast feeds
- » Deployed as Edge/IP architecture or centralized with HE/CO-based RFOG distribution architecture

PRODUCT OVERVIEW

The **NXG-Cryptolink TiVo** 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 TiVo** 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 TiVo	6774 4	TiVo bulk video ingest and descrambling module

INPUT	
DATA PORTS	
ABR Protocol	MPEG - DASH
IP	2.5 Gb from NXG Backplane (IP from Master Controller)
Encryption	L3 Widevine with TiVo Interfaces
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

