

NeXgen Gateway NXG-PI-QAM Pro:Idiom Encryption Module for QAM



The NXG-PI-QAM (Pro:Idiom Encryption Module for QAM - Supports MPTS) is part of the Blonder Tongue NeXgen Gateway (NXG) platform that adds Pro:Idiom encryption (*digital content protection*) to HDTV signals.

The NXG-PI-QAM module inputs MPEG-compliant transport streams through the NXG IP back plane. The Pro:Idiom encryption is added to a Multiple Program Transport Stream (*MPTS*) format. The Pro:Idiom encrypted video content is then routed via the NXG IP back plane to the desired QAM outputs for distribution. The NXG-PI-QAM is designed for compatibility with only the NXG QAM Modulator module.

The Pro:Idiom encryption is compatible with existing Pro:Idiom decryption devices, such as TV and set top boxes most commonly used in Hospitality locations.

Features

- Adds digital content protection for QAM delivery solutions
- Supports MPTS format
- Provides a reliable and secure method of protecting HD digital content
- Can support up to 144 programs with optional PI license

Input/Output

IP:	2.2 Gb Clear MPTS from QAM Modulator module
Output:	2.2 Gb Pro:Idiom MPTS to QAM Modulator module
Format:	MPTS

General

Dimensions (W x D x H):	1.15 x 15.5 x 7.0 inches (29 x 394 x 178 mm)
Power:	Via NXG Mainframe Backplane
Power Consumption:	13 W
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/Storage Humidity:	0 to 95% RH @ 35 °C max, non-condensation

Alarms & Monitoring

Front Panel Indicator:	1x Status LED (Green)
------------------------	-----------------------

Ordering Information

Model	Stock #	Description
NXG-PI-QAM	6793 Q	Pro:Idiom Encryption Module (supports MPTS) for QAM - supports 72 programs
NXG-PI-LIC	6779	License to add 72 more programs for a total of 144