

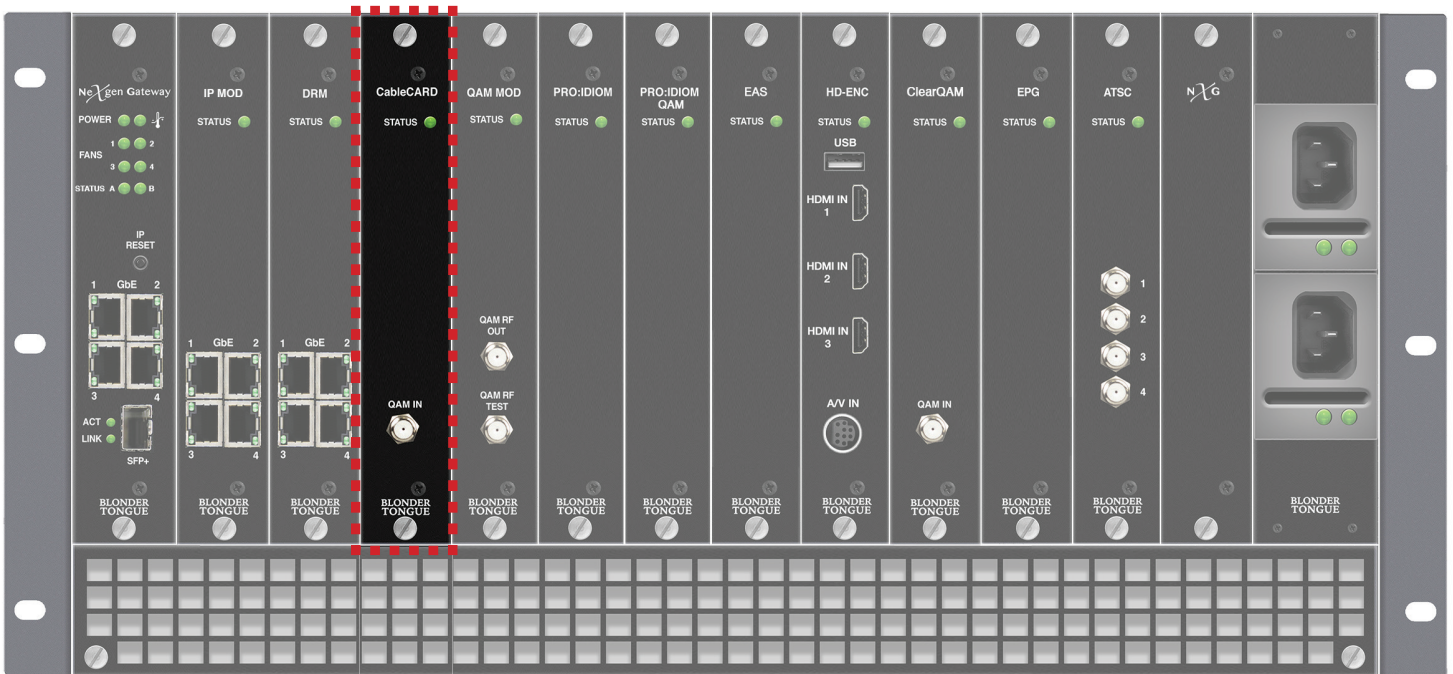
# Blonder Tongue

# NeXgen Gateway

  
**CableCARD® Input Module**

The **NXG-CCQD-24 (CableCARD® Input Module)** is part of the Blonder Tongue NeXgen Gateway (NXG) platform that decrypts HD and SD programs from a Cable or Telco TV service provider.

The **NXG-CCQD-24** input module includes multiple full-band-capture QAM tuners and supports up to four (4) CableCARDs to provide ingest of up to twenty four (24) programs from the incoming cable system. The module is capable of tuning any twenty four (24) QAM channels from 54 to 1002 MHz, and will decrypt any MediaCipher, PowerKey, or NDS encryption, based upon the customer-installed CableCARDs.



## Features

- Provides CableCARD compatibility with MediaCipher, PowerKey, and NDS applications
- Supports 24 programs per module (6 programs per CableCARD)
- Supports 54 to 1002 MHz input frequency range
- Provides EAS support via SCTE-18 to force tune across all channels

## Ordering Information

Model	Stock #	Description
NXG-CCQD-24	6788	CableCARD® Input Module - Holds 4 CableCARDs

Made in U.S.A.

Rev: 100518  
Blonder Tongue is ISO 9001:2015 Certified

# Specifications

## Input

<b>QAM:</b>	<b>Connector:</b>	1x "F" Female
	<b>Standards:</b>	ITU-T J.83 (64 and 256 QAM)
	<b>Tuning Range:</b>	CATV (54-1002 MHz)
	<b>Symbol Rate:</b>	5.3606 Msymbols/sec (QAM 256); 5.057 Msymbols/sec (QAM 64) — Auto Detect
	<b>Bandwidth:</b>	6 MHz
	<b>QAM Power Level:</b>	-15 to +20 dBmV
	<b>Return Loss:</b>	12 dB
<b>Impedance:</b>	75 Ω	
<b>CableCARD:</b>	<b>Interface:</b>	CableCARD Interface 2.0

## General

<b>Dimensions (W x D x H):</b>	1.15 x 15.5 x 7.0 inches (29 x 394 x 178 mm)
<b>Power:</b>	Via NXG Mainframe back plane
<b>Power Consumption:</b>	20 W
<b>Weight:</b>	2.0 lbs (0.9 kg)
<b>Operating Temperature:</b>	32 to 122 °F (0 to 50 °C)
<b>Storage Temperature:</b>	-13 to 158 °F (-25 to 70 °C)
<b>Operating Humidity:</b>	0 to 95% RH @ 35 °C max, non-condensation
<b>Storage Humidity:</b>	0 to 95% RH @ 35 °C max, non-condensation

## Alarms/Monitoring

<b>Front Panel Indicator:</b>	1x Status LED
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## System Overview

