

NXG-CCQD-24

CableCARD® QAM Input Decryption Module



Key Features

- » Supports CableCARD® compatibility with Media-Cipher, 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

Product Overview

The **NXG-CCQD-24 (CableCARD Input Decryption Module)** decrypts HD and SD programs from a Cable or Telco TV service provider. The NXG-CCQD-24 includes multiple full-band-capture QAM tuners and supports up to 4 CableCARDS to provide ingest of up to 24 programs from the incoming cable system.

The NXG-CCQD-24 module is capable of tuning any 24 QAM channels from 54-1002 MHz, and will decrypt any MediaCipher, PowerKey, or NDS encryption, based upon the customer-installed CableCARDS.

Ordering Information

Model	Stock #	Description
NXG-CCQD-24	6788	CableCARD Input Decryption Module; Holds 4 CableCARDS; 24 QAM Channels

NXG-CCQD-24

CableCARD® QAM Input Decryption Module

Specifications

Input		General	
QAM		Dimensions (W x D x H):	1.15 x 15.5 x 7.0 in. (29 x 394 x 178 mm)
Connector:	1x "F" Female	Power:	Via NXG Mainframe Backplane
Standards:	ITU-T J.83 (64 and 256 QAM)	Power Consumption:	20 W
Tuning Range:	CATV (54-1002 MHz)	Weight:	2.0 lbs (0.9 kg)
Symbol Rate:	5.3606 Msymbols/sec (QAM 256); 5.057 Msymbols/sec (QAM 64) - Auto Detect	Operating Temp:	32 to 122 °F (0 to 50 °C)
Bandwidth:	6 MHz	Storage Temp:	-13 to 158 °F (-25 to 70 °C)
QAM Power Level:	-15 to +20 dBmV	Operating Humidity:	0 to 95% RH @ 35 °C max, non-condensation
Return Loss:	12 dB		
Impedance:	75 Ω		
CableCARD			
Interface:	CableCARD Interface 2.0		
Alarms & Monitoring			
Front Panel:	1x Status LED (Green)		