



SQM1200 12 RF Channel GbE/ASI Input Edge QAM

- Accepts a GbE IP input, clear or pre-encrypted unicast or multicast
- Supports a total output of 12 QAM-RF channels organized as 3 independent blocks of 4 channels
- Provides four ASI inputs for content not available in IP format
- Provides additional GbE port for redundant inputs, alternate source or loop-through
- Provides a 10/100Base-T Ethernet management port
- Integrated web server allows local or remote access from a PC with standard Internet browser
- Web pages provide simple, easy navigation of all status and setup parameters
- Highly integrated 1RU rack mount with low power consumption and low temperature rise
- Support for external DC redundant powering

Specifications

GbE INPUTS

Input Connector Type	2 x RJ-45	Output Attenuation	0-10 dB (0.5 dB step)
Layer 1 Ethernet	GbE (1000Base-T)	Output Level Flatness (50-1002 MHz)	±0.75 dB
Layer 2 Addressing/Protocols	Unicast (IP address and Port), Multicast	Spurious	>60 dBc
MPEG Transport	SPTS/MPTS (ITU13818-1)	Output Connector	1 x 75Ω, F-Female
		Output Return Loss	>15 dB

DVB-ASI INPUT

Input Connectors	4 x 75Ω BNC	GENERAL	
Format	Per EN50053-9	INTERNAL AC POWER SUPPLY	
Return Loss	-15dB	Line Voltage	93-254 VAC, 47-63 Hz
		Power Consumption	40 W

ETHERNET COMMUNICATION MANAGEMENT PORT

Input Connector Type	1 x RJ-45	EXTERNAL DC POWER BACKUP	
Layer 2 Ethernet	10/100Base-T	Voltage	12VDC±5% VAC
Layer 4 Protocol	TCP/IP	Current	<6A.

QAM-RF OUTPUT

Output Frequency Range	50-1002 MHz
RF Channels	Twelve (6 or 8 MHz)
QAM Modulation Modes	16, 32, 64, 128, 256
QAM Types	ITU-A (DISH/DVB), ITU-B (USA/DCII)
QAM Symbol Rates	2.24~2.98, 4.85 to 7.0 Msps
PCR Re-Stamping	Auto
Output Level (effective, per channel)	>45 dBmV
(combined, 12 channel)	>32 dBmV

Ordering Information

SQM1200	12 RF Channel GbE/ASI Input Edge QAM
X-PS	External Redundant Power Supply