

## WQXM-860SL : QUAMMUX Moduator



### FEATURES

- ❖ Including ASI receiver, Multiplexer, QAM Modulator and RF up converter functions
- ❖ Meet MPEG-2 broadcasting
- ❖ 4 ASI receiver
  - Automatic incoming bit rate detection
  - Automatic packet detection (188/204)
  - Supports continuous and burst packet mode
- ❖ Multiplexer
  - PID filtering/edit / Delete/mapping available
  - PCR correction (high precision) available
  - Supports automatic PID assignment/mapping
  - User-friendly front panel interface to setup the multiplexer
  - Supports network monitoring and remote control.
  - EIT time adjustment according to local time zone
  - Supports Network Information Table (NIT) injector.
  - Service/service provider name can be edited
- ❖ QAM Modulator
  - Supports 32/64/128/256 QAM constellation.
  - Supports ITU-T J.83A and B modes
  - Flexible interleaver depth control in ITU-T J.83B mode
  - Various IF frequency support
  - High MER and low bit error rate
- ❖ RF up converter
  - 47 ~ 862 MHz. output frequency agility
  - 60dBmV output level with Hybrid module IC
  - Optional RF output by channel/frequency step (each 250kHz)
  - Low out-of-band noise and high VSB attenuation
  - Double PLL synthesized channel control

### SPECIFICATIONS

DVB-ASI INPUT	CABLE RF OUTPUT	CONTROL INTERFACE
Link character length: 10 bit	Frequency Range : 47MHz to 862 MHz	Communication
Bit rate on link: 270 M bit/s	Bandwidth: 7/8 MHz (PAL)	Interface: Ethernet
Useful data rat : 1 M bits/s to 54 M bit/s	Output Level: > = 60dB mV	Electrical Interface: IEEE 802.3
Max Input Voltage: 880mV p-p	Output Level Ajust: ≥15dB	10 Base-T/100
Data packet length: 188 bytes or 204 bytes	Spurious: ≥55dB C	Base-TX
Max. MPEG-2 bit rate: 216 M bits/s	Out-of-band Noise: 60dB typical	Data Link: Max 100Mbs
Connection medium: Coaxial cable	CNR: 60dB typical	Connector type: RJ45
Input Impedance: 75 Ohms	Frequency Accuracy/	<b>GENERAL</b>
Connector: BNC	Stability: ±5KHz.	Operating 0°C ~ 50°C
<b>LNB POWER</b>	Output Impedance: 75 Ohms	Temperature:
Voltage: OFF, 13V or 18V ±10%	Current: 500mA max	Power : 90 ~ 260 VAC,
Connecto : F-Type Female		Requirement 50/60Hz
Tone Frequency: OFF or 22kHz		