

## WXM-860SL : Trans - Mux - Modulator (2 QPSK / 2ASI > Digital RF, PLL E.2-U69)



### 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.
- ✦ **QAM Modulator**
  - Supports 32/64/128/256 QAM constellation
  - Support ITU-I 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.
  - 60 dBmV output level by channel/frequency step (each 250 kHz.)
  - Low out-of-band noise and high VSB attenuation
  - Double PLL synthesized channel control

### SPECIFICATIONS

DVB- ASI INPUT		CABLE RF OUTPUT	
Link character length:	10 bit	Frequency Range:	47 MHz. to 862 MHz.
Bit rate on link:	270 M bit/s	Bandwidth:	/8 MHz. [PAL]
Useful data rate:	1 M bits/s to 54 M bit/s	Output Level:	≥ 60 dBmV
Max. Input Voltage:	880 mV p-p	Output Level Adjustment:	≥ 15 dBmV
Data packet length:	188 bytes or 204 bytes	Spuriou :	≥ 55 dB C
Max. MPEG-2 bit rate:	216 M bits/s	Out-of-band Noise:	60 dB typical
Connection medium:	Coaxial cable	CNR:	60 dB typical
Input Impedance:	75 Ohms	Frequency Accuracy Stability:	± 5 KHz
Connector:	BNC	Output Impedance:	75 Ohms
QAM MODULATION		Connector:	F-Type Female
ITU-T J.83 Annex:	A/B (i.e. DVB and Digicipher-II)	LNB POWER	
Modulation Mode:	QAM- 32, 64, 128, 256	Voltage:	OFF, 13V or 18V ±10%
Bit Rate:	54 M bit/s	Current:	500 mA max.
Symbol Rate:	1-6.95 Msps	Tone Frequency:	OFF or 22kHz.
Roll off:	15%	CONTROL INTERFACE	
MER:	37 dB typical	Communication Interface:	Ethernet
SNR:	40 dB typical	Electrical Interface:	IEE 802.3, 10 Base-T/100 Base-TX
Carrier Suppression:	53 dB typical	Data Link:	Max 100Mbps
FEC:	ITU-T J.83A/B	Connector type:	RJ45
Full Compliance:	With DVB-C ETSI/ EN300 429.		
Phase Noise:	@ 10KHz - 91 dB C		