

## WQM-860S : QAM Modulator (TS > QAM, Digital RF, PLL E.2-U69)



<b>❖ DVB ASI-C INPUT</b>		<b>❖ CABLE RF OUTPUT</b>	
Connection medium:	Coaxial cable	Frequency Range:	47 MHz. to 862 MHz.
Connector type:	BNC 75 Ohms	Bandwidth:	8 MHz. [PAL-D/K]
Cable length:	300 meters	Output Level:	≥ 60 dBmV
Bit rate on link:	270 M bit/s	Output Level Adjustment:	≥ 15 dBmV
Link character length:	10 but	Spurious Level:	≥ 60 dB
Byte rate on link:	27 M bytes/s	Output Impedance:	75 Ohms
Voltage levels:	800 mV p-p	Frequency Accuracy/Stability:	± 5 KHz.
Data packet length:	188 bytes or 204 bytes	Connector:	F-type
Maximum MPEG-2 bit rate:	213 M bits/s	<b>❖ CONTROL INTERFACE</b>	
Useful data rate:	0.1 M bits/s to 54 M bit/s	Electrical Interface:	RS-232C
<b>❖ QAM MODULATION</b>		Data Link:	9600bps. No parity, 8-bit data 1 stop bit
Modulation Mod :	QAM - 16, 32, 64, 128, 256	Connector Type:	DB-9 Female for connection to next station
Bit Rate:	54 M bit/s	<b>❖ PHYSICAL and POWER</b>	
Symbol Rate:	< 6.75 Msps	Dimensions (W x D x H)	482 x 285 x 44 mm (1RU)
Roll off:	15%	Approx. Weight	2.7 kg.
MER:	≥ 35dB	Operating Temperature Range	0 ~ 40° C
Phase Noise:	-80dBc@10KHz	Power Input	90 ~ 260 VAC 50/60Hz
SNR:	≥ 35dB	packing	1 set/Inner box
Carrier Suppression:	≥ 50dB		5 sets/13.5 kgs/3.5 cuft
FEC:	Reed Solomon (204, 188, T=8) code.		
Full Compliance:	With DVB-C ETSI/EN300 429.		
ITU-T J.83 Annex:	A (ie.DVB)		