

WTM-1000 : Digital Transmodulator-Avanced Cherry-Pick



FEATURES

- ❖ Operates in DVB.
- ❖ Digital satellite QPSK signal input and a digital QAM signal output in 32/64/128 or 256 QAM mode.
- ❖ User friendly Front panel LCD for monitoring, data display and setup.
- ❖ PID filtering/edit/delete/mapping available
- ❖ Supports Network monitoring and remote control
- ❖ Service/Service Provider name can be editable
- ❖ High MER (Modulation Error Rate) ensures a low bit error rate.
- ❖ Switching power supply 90VAC-260VAC, 50Hz/60Hz. With overload protection.
- ❖ Selectable LNB power 13/18 VDC with 22kHz tone control.
- ❖ Standard 19" rack-mount for installation.
- ❖ SAW filtered IF out/in loop.
- ❖ RF modulation output
 - 47-860MHz. output frequency agility
 - 60dBmV output level with Hybrid module IC.
 - Output level adjustable by a 15dB range
 - Low out-of-band noise and High VSB attenuation
 - Double PLL synthesized channel control

SPECIFICATIONS

SATELLITE QPSK RF INPUT	CABLE RF OUTPUT	UPDATE INTERFACE
Frequency Range: 950MHz to 2150MHz	Frequency Range: 47MHz. to 860 MHz.	Electrical Interface: RS-232
Input Level: -65dBm ~ -25dBm	Bandwidth: 6 / 7 / 8 MHz.	Data Link: 115200bps,
Input Impedance: 75 Ohms.	Output Level: 60dBmV typical	No parity,
Mode: QPSK	Spurious Level: 55dB C typical	8 bit data,
FEC DVB	Out-of-band Noise: 60dB typical	1 stop bit
VITERBI Rage: Auto Scan.	CNR: 60dB typical	Connector type: DB-9 Male for
1/2, 2/3, 3/4, 5/6, 6/7,7/8	Output Impedance: 75 Ohms	Connector to
Symbol Rate: 2Msps to 45Msps	Connector: F-Type Female	Host Or previous
Input Impedance: 75 Ohms	LNB POWER	station
Connector: F-Type Female	Voltage: OFF, 13V or 18V?10%	GENERAL
QAM Modulation	Current: 500mA max.	Operating Temperature 0°C ~ 50°C
ITU-T J.83 Annex: A (i.e. DVB)	Tone Frequency: OFF or 22kHz.	Range
Modulation Mod : QAM-32,64,128,256	Protection: Overload protection	Power Requirement: 90 ~ 260 VAC,
Symbol Rate: 1~6.95 MSymb/sec	CONTROL INTERFACE	50/60Hz
Roll Off: 15%	Communication Interface: Ethernet	
Phase Noise: @10K 91dBC	Electrical Interface: IEEE 802.3,	
MER: 37dB typical	10Base-T/100Base-TX	
SNR: 40dB typical	Data Link: Max 100Mbps	
Carrier Suppression: 53dB typical	Connector type: RJ 45	
FEC: DVB		