



EKSELANS BY ITS

HD SIGNAL METER TSF 1

DVB-S/S2, DVB-T/T2 and fiber optics measures

Level, C/N, BER, MER and constellation

Monitor 4'3"

MPEG2 and MPEG4 video decoding

All accessories included

REFERENCE	TSF 1	
Code	240001	
Measures	DVB-T / T2	DVB-S / S2
Connectors	IEC FEMALE 9,5 mm	F FEMALE
Input frequency	48÷862 MHz	950÷2150 MHz
Input signal level	-79,5 dBm (MAX)	-65÷-25 dBm
Antenna power	5V/12V/17V, MAX 100 mA	-
Demodulation	QPSK, 16QAM, 64QAM, 256QAM	-
Tune	LCN on/off	-
Measures	NIVEL, C/N, BER, MER, CONSTELLATION T/T2	NIVEL, C/N, BER, MER, CONSTELLATION S/S2
switching tone	-	22 KHz
LNB power	-	13V / 18V, MAX 400 mA, SCR, UNIVERSAL
Symbol rate	-	2<RS<45 M BAND (SCPC/MCPC)
AV input/output	HDMI JACK 3,5 mm	
Video	CVBS	
Video output	Hasta 1080	
Audio	STEREO	
Video decompression	MPEG-2, MPEG 4 - H.264	
Video format	4:3 / 16:9	
Audio decompression	MPEG-1Layer I/II, MPEG-2 Layer I/II	
Image demodulation	PAL - 25 frame@720*576, NTSC -30 frame@720*480	
Audio output mode	Stereo, Mono, R/L	
Data port	USB	
Protocol	Interface USB 2.0	
File management system	NTFS, FAT32, FAT16	
File format	wma, mp3, mp4, avi, jpg, jpeg, bmp, img	
FIBER OPTIC		
Optical detector	InGaAs	
Wave length	800 - 1700 nm	
optical power values	-70dB a +10 dBm@1550 nm	
Precision	0,01	
Suitable connectors	FC / SC	
GENERAL		
Power and consumption	Lithium Battery 7,4V/3000mAh / max 10W	
Power Supply	12V/1.5A	
Dimensions and weight	9,5x15x4,5 cm / 0,5 Kg	



TSF 1

