
SATMETER HD1

DVB-S/S2 METER

Technical Specification



Features

- 3.5 inch TFT LCD screen with 320*240 pixels
- Real time spectrum display
- Constellation analyzer
- MPEG4 AVC/H.264, MPEG-2 decoder
- HDMI output
- AV in and 12V output for CCTV
- Support DiSEqC 1.0/1.2, USALS, SCR and SCD2.
- Satellite name auto detected by NIT
- 4 digital 7 Segments LED display for signal level.
- Signal lock audible notification: on/off
- LNB short-circuit protection and indicator
- Firmware and database upgrade by USB
- Ultra-long standby, low power consumption
- Fast charging Li-ion battery(8.4V@ 3000mAh) can last around 3 hours
- Satellite and transponder import or export by USB sticker
- Channel import or export by USB sticker
- Spectrum and constellation data stored in device
- Full TS recorded in USB sticker
- Auto power off
- **AHD/TVI/CVI/Analog(Optional)**
- **Compass(Optional)**

Specifications

Identification	DVB-S	DVB-S2
Demodulation	QPSK	QPSK, 8QPSK, 16APSK, 32APSK
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8,	1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 5/6, 8/9, 9/10,
Symbol Rate	1~45MSPS	
Input frequency	950-2150MHz	
Input Impedance	75Ω	
Min.level in	35dBuV (noise)	
Max.level in	90dBuV	
LNB Power and Pol	Vertical 13V, Horizontal 18V, 500mA	
Bandwidth	C/Ku-band Selectable	
Edit Satellite	Satellite Name	Maximum support 11 characters in length
	LNB Power	18V, 13V, AUTO, OFF
	LNB Type	Universal, OCS, SINGLE1, SINGLE2, SINGLE3, SINGLE4, SINGLE5, Customized
	22KHz	AUTO, OFF, ON
	Switch Type	DiSEQC1.0(LNB1~LNB4), DiSEQC1.1(LNB1~LNB16)
	Position Type	USALS, DiSEQC1.2
Satellite Finding	Display the signal strength of selected frequency	
Edit TP	Frequency, Symbol Rate, Polarity(950~2150MHz)	
Spectrum Analyzer	Display waveforms of selected frequencies	
Constellation	Constellation with 8PSK, QPSK, 16APSK, 32APSK	
Angle Calculate	Azimuth, Elevation, Polarization	
Interface	HDMI, USB, DC-JACK, AV IN, 12V output, Power switch	
keyboard	25keys	
Record	Ts stream record Via USB, (Does not support hard disk)	
Software upgrade	Software upgrade via USB	
Database upgrade	Database upgrade via USB	