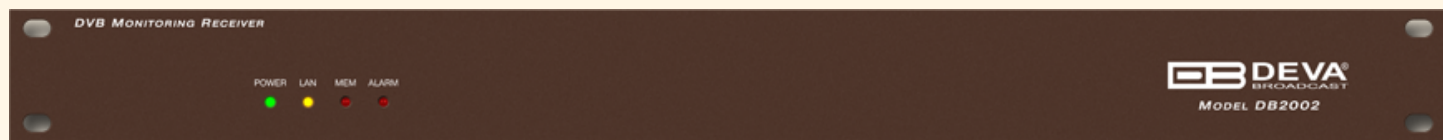


DVB-T/T2 BASIC MONITORING RECEIVER

Committed to providing to our customers the product that is best suited to their requirements, our engineers have developed the DB2002-T/T2 – Basic. This tool provides all the main functionalities of our DVB-T/T2 monitors for accurate, dependable measuring and remote control at a great, affordable price. It guarantees reliable monitoring with detailed DVB-T/T2 component information and PID alarms. Monitoring of the MPEG transport stream and TR 101 290 monitoring, priority 1, 2 and 3 are also supported.

DB2002-T/T2 – Basic provides a selectable wide range IF filter bandwidth, as well as a spectrum analyzer allowing checks of the RF carrier. It also lets users choose between a predefined DVB channels scan or manual tune. The LAN port allows for full TCP/IP remote control, while the built-in WEB and FTP server make this product extremely user-friendly and easy to install and set up. Adjustable MIN/MAX alarms for RF, SNR, BER and MER are also an option, with alarm dispatch achieved via email, SNMP ver. 2C or GPO. DB2002-T/T2 – Basic offers Service Availability Error & Service Degradation Error indicators and protected access to device settings. What is more, the built-in memory card provides users with 32GB of internal storage.

DB2002-T/T2 – Basic is DEVA's most cost-effective DVB-T/T2 monitoring solution, combining great features with an affordable price.



FEATURES

- DVB-T/T2 Compliant Receiver
- High-end Digital Tuner, UHF 21-60 Channel
- Up to 110 dB μ V direct RF Antenna Input
- Advanced MPEG Monitoring and PID Alarms
- Detailed DVB-T/T2 component information
- TR 101 290 Monitoring, Priority 1, 2 and 3
- Predefined DVB channels scan or manual tune
- RF Spectrum & Constellation display
- PLP extraction and TS PLP analysis
- Built-in easy to use WEB and FTP server
- Antenna port with built-in RF attenuator
- Selectable wide range IF filter bandwidth
- Very Intuitive Navigational Menu
- Levels measurement with data history
- Spectrum analyzer allowing checking of the RF Carrier
- Service Availability Error & Service Degradation Error
- Adjustable MIN/MAX alarms for RF, SNR, BER, MER
- Alarm dispatch via E-mail, SNMP ver.2C and GPO
- Professional ASI Input and Output
- LAN port for full TCP/IP remote control and monitoring
- Protected access to the device settings
- SNTP for automatic synchronization of the built-in clock
- LAN port for full TCP/IP remote control and monitoring
- Apple and Android devices support
- Firmware updates will ensure improved operation
- Easy Installation and Setup

SPECIFICATIONS

RF Input	
Tuning Range	Frequency Agile 474-786 MHz; UHF 21-60 Channel
Tuning Step	10kHz
Tuner Sensitivity	30 dB μ V
Antenna Port	N Connector, Female, 50 Ω
Internal Attenuator	0, 10, 20 and 30 dB
RF input level	up to 120 dB μ V
Supported Standards	DVB-T – ETSI EN 300 744; DVB-T2 & T2 Lite – ETSI EN 302 755 v1.3.1, ETSI TS 102 831; T2-MI – ETSI TS 102 773

Monitoring Features	
RF input level	30-110 dB μ V \pm 1 dB
MER	0 to 40 dB (\pm 1 dB)
SNR	0 to 40 dB (\pm 1 dB)
BER Before-Viterbi(DVB-T)	1x10 ⁻² to 1x10 ⁻⁵
BER Post-Viterbi(DVB-T)	1x10 ⁻² to 1x10 ⁻⁸
BER (DVB-T2)	Before/Post-LDPC, Post-BCH
Signal Lock	Lock/Unlock
Modulation parameters	L1 signaling in DVB-T2, TPS in DVB-T
SFN Monitor	Channel Impulse Response (CIR); Echoes Delay and Power Level alarms
ETSI TR 101 290 Monitor	ETSI TR 101 290 Priority 1, 2 and 3; MPEG-2 TS Monitor, TS (with MIP packet) Network Delay
T2-MI Monitor	Single/Multi-PLP support; ETSI TR 101 290 T2-MI packet, L1 pre/post signaling; T2-MI Network Delay; PLP extraction and TS PLP analysis (ETR 101 290)
QoS	SAE (Service Availability Error), SDE (Service Degradation Error)
Round-Robin Logger	Monitor sequentially multiple channel frequencies or PLPs
RF Spectrum Display	RF Spectrum with SPAN 10 MHz
Constellation Display	QPSK, 16QAM, 64QAM, 256QAM
Other Features	Audio/Video Freeze Detection, DOCSIS Monitoring

Communication Interfaces	
Type	RJ45 Connector, Ethernet 10/100 Base-T
Supported Protocols	HTTP, FTP, SMTP, SNMP v2/v2C
Device Discovery	UPnP support

Measurement Storage	
Storage	32GB Build-in Memory Card
Monitoring Logs Data format	Text, CSV

Operating conditions	
Temperature	10°C - 45°C
Humidity	< 75%, non-condensing

Power	
Voltage	100-240V / 50-60 Hz
Power Consumption	20VA
Connector	IEC320, Fused and EMI-suppressed

Size and Weight	
Dimensions (W;H;D)	485 x 44 x 180 mm
Shipping Weight	540 x 115 x 300 mm / 2.700 kg
HS Code	8527212000

WE NEVER SPARE EFFORTS AND RESOURCES TO TURN OUR IDEAS INTO SUCCESSFUL PRODUCTS