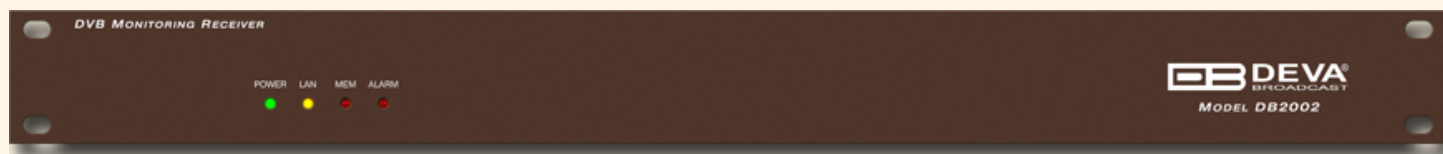# Model DB2002-C

DVB-C CABLE

DVB-C BASIC MONITORING RECEIVER

DB2002-C–Basic is an excellent, cost-effective monitoring solution in full compliance with DVB-C standards. It provides accurate and dependable monitoring with detailed DVB-C component information and PID alarms. In addition to advanced decoding and monitoring of the MPEG transport stream, this tool also supports ETR290 monitoring, priority 1, 2 and 3.

The DB2002-C–Basic features a selectable wide range IF filter bandwidth, an advanced QAM Analyzer and spectrum analyzer allowing checks of the RF carrier. It also lets users choose between a predefined DVB channels scan or manual tune. This product offers PLP extraction and TS PLP analysis, and can monitor sequentially multiple channel frequencies or PLPs. Adjustable MIN/MAX alarms are provided for RF, SNR, BER and MER, with alarm dispatch achieved via email, SNMP ver. 2C or GPO.

The LAN port ensures full TCP/IP remote control and the built-in WEB and FTP server make this product extremely easy to install and set up. Access to the device's settings is protected, while the built-in memory card provides users with 32GB of internal storage. Levels measurement with data history, Service Availability Error and Service Degradation Error functionality and the RF Spectrum and Constellation display are also among this product's great features.

The DB2002-C–Basic offers uncompromising quality at a great price.

FEATURES

- **DVB-C Compliant Advanced Receiver**
- **High-end Frequency Agile Digital Tuner**
- **Advanced MPEG Monitoring and PID Alarms**
- **Advanced QAM Analyzer**
- **ETR290 Monitoring, Priority 1, 2 and 3**
- **Predefined DVB channels scan or manual tune**
- **BandScanner and RF Spectrum Analyzer**
- **PLP extraction and TS PLP analysis**
- **Built-in easy to use WEB and FTP server**
- **Antenna port with built-in RF attenuator**
- **Very Intuitive Navigational Menu**
- **SAE - Service Availability Error**
- **SDE - Service Degradation Error**

- **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, CNR, 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	40-1000 MHz, Frequency Agile
Tuning Step	10kHz
Tuner Sensitivity	30 dBµV
Antenna Port	N Connector, Female, 50Ω
RF input level	up to 120 dBµV
Channel bandwidth	6 & 8 MHz
Symbol rate Modulation	1.8 to 7.2 M symbols/s
Symbol rate Modulation	16QAM, 64QAM, 128QAM, 256QAM, 1024QAM, 4096QAM
Supported Standards	DVB-C

Monitoring Features

RF input level	30-110 dBµV ±1 dB
MER	0 to 40 dB (±1 dB)
SNR	0 to 40 dB (±1 dB)
BER	Viterbi, RS
Signal Lock	Lock/Unlock
Modulation parameters	L1 part 2 signaling in DVB-C
ETSI TR 101 290 Monitor	ETSI TR 101 290 Priority 1, 2 and 3; MPEG-2 TS Monitor
T2-MI Monitor	Single/Multi-PLP support; PLP extraction and TS PLP analysis (ETR 101 290); SAE (Service Availability Error), SDE (Service Degradation Error); Monitor sequentially multiple channel frequencies or PLPs
RF Spectrum Display	RF Spectrum with SPAN 10 MHz
Constellation Display	16QAM, 64QAM, 128QAM, 256QAM, 1024QAM, 4096QAM
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