TE-4000

Features

- **ATSC, DVB-C2/S2, DSS, Dolby Digital Plus**

- **Super spectrum analyzer with Triple split display**

- **4K Frame Grabber**

- **IPTV analyzer**

- **High resolution filters**

- **TS-ASI input and output**

- **Common Interface slot**

- **Transport stream analyzer, recorder and player**

- **Touch screen**

- **Lightweight (5 lbs)**

- **HEVC H.265 decoding**

- **Wide band LNB compatibility**

- **WiFi analyzer**

- **Web Server remote control**

- **Spectrogram**

- **Fiber optics and GPS options**

- **More than 4 hours battery time**

The **TE-4000** is a professional Field Strength Meter and Spectrum Analyzer that is part of a new breed of multifunction, TV, Satellite, CATV and WiFi analyzers.

The **TE-4000** is intended to help expert installers and broadcast engineers make their classic installation and troubleshooting work easier, it also deals with the many challenges brought about by the wireless world and the new video delivery platforms.

HEVC H.265 decoding and exceptional spectrum analyzer capabilities are at the heart of the **TE-4000** field strength meter surrounded by many functions such as WiFi analysis (including real spectrum display), wide band LNB compatibility, constellation diagram, dynamic echoes analysis, etc..., all in a very compact and light weight product ideal for field work.

Specifications: TE-4000 Spectrum Analyzer

OPERATION MODES:

Hybrid operation: 7" touch screen or conventional buttons

DIGITAL STANDARDS:

- ATSC
- QAM annex B
- DVB-C
- DVB-S, DVB-S2, DVB-S2 multistream
- DSS, ACM/VCM/CCM
- MPEG-TS

VIDEO CODECS:

MPEG-2, MPEG-4 H.264, HEVC H.265

AUDIO CODECS:

MPEG-1, MPEG-2, HE-AAC, Dolby Digital, Dolby Digital Plus

INPUTS AND OUTPUTS:

- Universal RF connector 75 Ω
- ASI-TS input and output
- IPTV input UDP/RTP RJ45 Ethernet 1 Gbps
- HDMI output
- IP input for remote control
- Analogue Video/Audio input
- Common Interface module slot
- 2xUSB for data transferring and GPS module

FUNCTIONS:

- Spectrogram
- Constellation diagram
- LTE
- Audio/Video streaming
- SCAN + TILT
- StealthID (instant identification of tuning parameters)
- PLS (Physical Layer Scrambling)
- Ultra fast spectrum analyzer (70 ms sweeping time) with MAX/MIN hold
- 4K Frame grabber
- FM RDS radio measurements and decoding
- Screen shots and Data logger for measurement reports
- Wide-band LNB
- WiFi 2.4 GHz

- LTE 1.8 GHz
- OTT
- Service Recording
- DVB-S2 multistream
- Signal monitoring
- Field strength
- Task planner
- TS Recording
- TS Analysis
- Web server
- IPTV multicast
- Shoulder Attenuation
- Beacon-Flyaways SNG and VSAT
- PSIP
- CC analysis

RESOLUTION BANDWIDTHS:

2, 10, 20, 30, 40, 100, 200 kHz and1 MHz

OPTIONS:

- Optical power meter + Optical-to-RF converter + WiFi 5 GHz + LTE 2.6 GHz
- WiFi 5 GHz + LTE 2.6 GHz
- DAB, DAB+
- GPS Coverage Analysis
- For rack assembly

PC CONNECTION (via Ethernet interface):

- NetUpdate 4 (free software)
- Free and automatic firmware updates
- Remote control (webserver)
- User customised channel plans
- Measurement reports and screenshots
- Audio/Video streaming