

THE MOST INNOVATIVE TABLET FIELD METER COMBINED WITH HEVC

**DVB-T2/C/S2**  
**H265 - HEVC**

**AUTOMATIC, FAST  
& EASY-TO-USE**

**7" HIGH  
BRIGHTNESS  
16:9 DISPLAY**



**NEW  
OPTIONS**



**HEVC  
H265**



**WIDE  
BAND**

**IPTV**

**FULL TOUCH  
Excludable**

**EXCLUSIVE DUAL  
COMMANDS**

**MECHANICAL  
Keys & Encoder**

**RF IN**

**75Ω  
"F"  
Connector**

- FREQ. RANGE 4-2610 MHz
- DVB-S/S2
- DVB-T, T2/T2 LITE MULTI PLP(OPT.) & C/C2
- ISDB-T (6/8 MHz)-ATSC-GB20600
- ANALOG TV (OPT.)
- FM RADIO (OPT.)
- **DAB & DAB + (OPT.)**
- REAL TIME SPECTRUM (4-2610 MHz)
- GSM BAND
- LTE ANALYZER
- SAT DiSEqC, SCR & dCSS
- **WIDE BAND**

**LAN**

- REMOTE CONTROL
- **HTTP**

**HEVC**

(OPT.)

- H265
- HIGH EFFICIENCY VIDEO CODING

**OPTIC**

SC CONNECTOR  
(OPT.)

- POWER METER
- POWER LOSS
- POWER GRAPH
- SAT, TV & CATV SPECT & MEAS

**APPS**

- SAT EXPERT
- MER vs CARRIER
- REFLECTOMETER
- REMOTE CONTROL

Optional:

- FM RADIO & Analog TV
- TS Streaming
- **WI-FI**
- **HEVC**
- **IPTV**

**MONITORING**

(OPT.)

- 7 DAYS CHANNEL MONITORING
- LOGGER
- REMOTE PC/TABLET CONTROL
- USB ON THE GO FOR LONG TERM LOGGING
- **QOS 24 H WITH NMS**

## MAIN FUNCTIONS

### SPECIAL FUNCTIONS

- **NEW** Intuitive navigation system with direct access to functions.
- **Exclusive patented ROVER AUTODISCOVERY system:** auto-matically detects and selects analog and digital COFDM/QAM TV signals in both measurement and spectrum mode.
- **Automatically identifies all the signals with digital modulation SAT, TV and CATV.**
- **Automatic Assistant:** Signal Quality analysis, Channel Scan memorization.
- **Barscan TV & CATV function from 10 to 100 channels on one screen.**
- **Buzzer & Noise Margin real time graph for digital signals microinterruptions.**
- **Reflectometric measurements APP.**
- **Optical Input** (opt.).
- **WI-FI analyzer** (opt.).
- **HEVC H265 decoder** (opt.).
- **SATELITE:** DiSEqC, SCR & dCSS, SAT FINDER & SAT EXPERT Functions.
- **Custom Channel Plans:** 25 (199 ch. per plan), Programmable TV, SAT (or combined TV/SAT) by PC or Local Keyboard.
- **Loggers:** TV, SAT & combined with stop & go function.
- **SAT Memory Plan:** More than 2.000 transponders prememorized for world wide Satellite.
- **Free SMART PC interface program and FW upgrades.**

### SPECIFICATIONS: MEASUREMENTS, SPECTRUM ANALYSIS & PICTURES

- **Frequency Range:** TV Tuner & CATV extended band 4-1250 MHz; SAT TUNER extended band 930-2610 MHz; GSM extended band 860-1000 MHz for telephone repeater installations.
- **Wide Band:** 230-2610 MHz
- **Frequency Resolution:** TV & CATV: 25 KHz; SAT: 5 MHz.
- **Power Range Meas.:** TV 35 to 115 dBμV, SAT 5 to 105 dBμV.
- **Digital Meas:** Digital Power, MER (36 to 40 dB max depending on modulation), BER, PER, LDPC, BCH, Noise Margin, MER versus CARRIER.
- **Measurement Resolution:** 0.1 dB.
- **Level Measurement Accuracy:** 1 dB typ. (2 dB max.)
- **Resolution Filter Bandwidth:** TV & CATV: 100 KHz @ -3 dB; SAT: 1 MHz @ -3 dB.
- **Constellation:** for TV/CATV and SAT signals.
- **Spectrum:** Fast spectrum, Max Hold and spectrum memorization with real time compare function.
- **Net-id on board:** Net-id, NID, TSID, LCN, SAT Orbit Position.
- **Echoes, Pre-echoes, Micro-echoes:** Representation in real Time.
- **Quality:** Digital Auto quality Test: PASS-MARGINAL-FAIL.
- **Digital Pictures:** MPEG2-4 SD & HD, HEVC (opt.) pictures with Program List, Audio Video PIDs, LCN, Video bit Rate all on one screen.
- **Audio:** AAC supplied, DOLBY AC3 DD+ (opt.).

### OPTICAL MEASUREMENTS

- **Maximum Ingress Power:** 5 dBm.
- **SC input connector.**
- **Automatic loss calculation.**
- **Wavelengths (nm):** 1310, 1490, 1550.
- **Range:** -25 to +6 dBm.
- **Resolution:** 0.1 dB.
- **Accuracy:** +/- 0.5 dB.
- **Optical to RF conversion:** SAT, TV & CATV Measurements and Spectrum.

## COMM. PORTS AND OUTPUTS

- **RF Input** : 75 ohm (interchangeable "F").
- **SC optic ingress** (opz.)
- **USB 2.0**: Type B (PC Interface), Type B (for Memory stick).
- **Composite Video input**.
- **HDMI**: Images output & OSD
- **LAN**: ETHERNET Gbit
- **WIFI**: 2,4 & 5,0 GHz Analyzer

## GENERAL SPECIFICATIONS

- **7" TFT TOUCH display**: 16:9 high resolution and high brightness.
- **DC voltage at RF input**: 5 - 12 - 18 - 24 V, DC DiSEqC, SCR & dCSS commands.
- **PC Interface**: USB-B.
- **Front-Panel**: Alpha numeric keypad + Multifunction Encoder.
- **Power Save**: TFT backlight timer, brightness adj.
- **PC Management**: SMART software.
- **Power Supply**: Built in LiPo battery with 2 to 4 hours duration (depending on the function) & Battery Test function.
- **Battery**: Integrated lithium polymers from 2 to 4 hours of duration (depending on the function) and BATTERY TEST function.
- **Battery door**: removable battery door for quick and easy replacement without the need for assistance
- **Weight**: only 1,8 Kg.
- **Size**: H 27,0 x W 15,5 x D 4,0 cm (meter only).
- **Aluminium and Steel Housing**.
- **Elite bag with extra padding and storage pocket**.

## OPTIONS

- **DAB & DAB+ (HW)**.
- **Optic Ingress (HW)**.
- **Decoding HEVC H265 images (HW)**.
- **WI-FI Analyzer (HW)**.
- **Radio FM & TV Analogico (HW)**.
- **Dolby Audio AC3 DD+ (SW)**.
- **IPTV (SW)**.
- **TS STREAMING (SW)**.

Visit **WWW.ROVERSHOP.IT**  
to check the available  
accessories.

*NOTE: Some options must be  
requested when ordering the instrument.*

Features and functions may change without notice.

## MEASUREMENT EXAMPLES



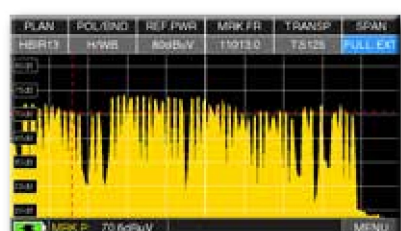
New Icon Navigation Menu



Wi-Fi Analyzer



New constellation diagram



SAT Spectrum



New Measures  
& Pictures Super fast



DVB-T2 HEVC  
Measurements and Pictures