



THE MOST COMPLETE SATELLITE METER

DVB-S/S2
H265 - HEVC

AUTOMATIC, FAST & EASY-TO-USE

5" HIGH
BRIGHTNESS
16:9 DISPLAY



NEW
OPTIONS



HEVC
H265



FULL TOUCH
Excludable

EXCLUSIVE DUAL
COMMANDS

MECHANICAL
Keys & Encoder

RF IN

75Ω
"F"
Connector

- FREQ. RANGE 700-2.700 MHz
- DVB-S/S2
- SPECTRUM
- GSM BAND

APPS

- SAT EXPERT
- DOLBY AUDIO
- WI-FI
- HEVC

HEVC

- H265
- HIGH EFFICIENCY
VIDEO CODING

OPTIC

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

MAIN FUNCTIONS

SPECIAL FUNCTIONS

- **Automatically identifies all the signals with digital modulation DVB-S & DVB-S2.**
- **Automatic Assistant:** Signal Quality analysis, Channel Scan memorization.
- **Buzzer & Noise Margin real time graph for digital signals microinterruptions.**
- **Optical Input** (opt.).
- **WI-FI analyzer** (opt.).
- **HEVC H265 decoder** (opt.).
- **SATELITE:** DiSEqC, SCR, dCSS & Motorized antenna commands, SAT FINDER & SAT EXPERT
- **Custom Channel Plans:** 25 (199 ch. per plan), Programmable SAT by PC or Local Keyboard.
- **Loggers:** 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:** 700–2.700 MHz.
- **Frequency Resolution:** 5 MHz.
- **Power range Meas.:** 5 to 105 dBμV.
- **Digital Meas:** Digital Power, MER (20 dB max depending on modulation), BER, PER, LDPC, BCH, Noise Margin.
- **Measurement Resolution:** 0.1 dB.
- **Level Measurement Accuracy:** 1 dB typ. (2 dB max.)
- **Resolution Filter Bandwidth:** 5 MHz @ -3 dB.
- **Constellation:** Yes.
- **Spectrum:** Fast spectrum, Max Hold and spectrum memorization with real time compare function.
- **Net-id on board:** Net-id, NID, TSID, SAT Orbit Position.
- **Quality:** Digital Auto quality Test: PASS-MARGINAL-FAIL.
- **Digital Pictures:** MPEG2-4 SD & HD, HEVC (opt.) pictures with Program List, Audio Video PIDs, Video bit Rate all on one screen.

OPTICAL MEASUREMENTS

- **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.**

COMM. PORTS AND OUTPUTS

- **RF Input :** 75 ohm (interchangeable "F").
- **USB 2.0:** Type B (PC Interface).
- **Audio:** AAC supplied, DOLBY (opt.).
- **Video:** Composite Video input.

GENERAL SPECIFICATIONS

- **5" TFT TOUCH display:** 16:9 high resolution and high brightness.
- **Power Supply:** Built in LiPo battery with 2 to 4 hours duration (depending on the function) & Battery Test function.
- **DC voltage at RF input:** 12 - 18 V, DC DiSEqC, SCR & dCSS commands.
- **PC Interface:** USB-B.
- **Front-Panel:** Alpha numeric keypad.
- **Power Save:** TFT backlight timer, brightness adj.
- **PC Management:** SMART software.
- **Weight:** only 1,4 Kg with batteries.
- **Size:** H 13,0 x W 25,5 x D 4 cm.
- **Housing:** Aluminium and Steel, bag.

OPTIONS

- Optic Ingress
- Decoding HEVC H265 images
- Wi-Fi analyzer
- Dolby Audio AC3 DD+
- Elite bag with extra padding

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

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accessories.

MEASUREMENT EXAMPLES



New Icon Navigation Menu



Wi-Fi Analyzer



New constellation diagram



SAT Spectrum



New Meas. & Pict. Super fast



SAT FINDER