HEXYLON

HIGH PERFORMANCE PORTABLE METER INTENDED FOR PROFESSIONAL USERS
ADVANCED FEATURES AND HIGH MEASUREMENT ACCURACY

WHERE CONTENT BECOMES THE USER INTERFACE

PROFESSIONAL METER

RF ANALYSIS
○ Ultrafast spectrum analyzer (sweep<10ms). From 5MHz to 3.3 GHz
○ Advanced echoes analysis (Pre and Post Echoes), and echoes outside the guard interval
○ Configurable resolution filters between 300 Hz and 6.4 MHz
○ LTE interferences detection and simulation
○ Signal quality measurements: Power, C/N, BER, MER, constellation, echoes, etc.
○ dCSS, SCR, DiSEqC 1.1

TS ANALYSIS
○ T2-MI packet analysis over ASI or IP
○ Real time analysis of the Transport Stream, showing services and tables
○ Table repetition and quality analysis
○ Services treeview

AND MUCH MORE...
○ Path Delay Profile (PDP)
○ Waterfall
○ Ultrafast scan that finds and measures all the channels in the band
○ Display Full HD 1080p/MPEG2/MPEG4 *
○ Satellite automatic identification
○ MER by Carrier graphic representation
○ Tracking feature, drive test, and measurements with coordinates, thanks to the incorporated GPS

* HEVC supported on Q1 2018

EASY TO USE

✓ Exclusive Mosaiq feature
  With 6 customizable widgets
✓ Multiple desktop with simultaneous working enviroments
✓ 8" touch screen
✓ Gestural commands for an intuitive management
✓ Field Replaceable battery
  with integrated charger
✓ User-defined profiles
✓ Ethernet, WiFi, and bluetooth connectivity
✓ High capacity internal memory
✓ Access to the cloud to save your data
✓ Interconection with **GSERTEL** RCS products:

GSERTEL

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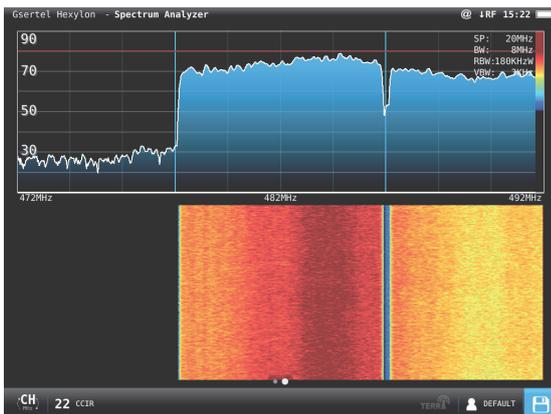## HIGH PERFORMANCE PORTABLE METER INTENDED FOR PROFESSIONAL USERS

▶ FEATURES

EXCLUSIVE MOSAIC FEATURE
With six user-defined customizable widgets that allows to see all the characteristics of the signal at a glance

POWERFUL SPECTRUM ANALYZER
Continuous, high-speed, and high-resolution spectrum analyzer with propietary features

WATERFALL
Represents the evolution of the signal, both in time and frequency

SYSTEM SCAN
Simultaneous displaying of every found channel measurements

SPECIFICATIONS

Standards
Analog TV (PAL, NTSC, SECAM)
DVB-T,
DVB-T2 v1.3.1, DVB-T2 lite
DVB-H
ISDB-T/Tb
DVB-S
DVB-S2, DVB-S2 multistream, DSS
DVB-C
QAM Annex A, B, C
FM
DAB, DAB+

Screen
TFT 8" touch screen

Connectivity
RF: N 50 Ω connector
ASI-TS F75 Ω input and output
IPTV input for measurements and decodification
HDMI ouput
IP Ethernet input for remote control
Analog video input
Headphones output
Slot for common interface modules
USB for data transfer
GPS
WiFi
Bluetooth

RF Measurements
Continuous spectrum analyzer
Path Delay Profile
Analog measurements: Level, C/N, V/A
DVB-T: CBER, MER / **DVB-T2**: BER, Link Margin
DVB-C: MER, CBER
DVB-S: CBER, MER / **DVB-S2**: BER, Link Margin
Constellation
SFN Echoes, SFN Drift
LTE interferences detection
Waterfall
Scan

MPEG Measuremenst
T2-MI packet analysis over ASI or IP
TS analysis y real time
Table repetition and quality analysis
Representation of all the services and tables
Services treeview

Battery
Li-Ion
Field Replaceable battery

Dimensions
220mm H x 260mm W x 65mm D

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