

H30D+FULL 8VSB/QAM/ATSC 3.0/DOCSIS 3.1 Signal Level Meter


 Televes


Ready for the NEXTGEN TV

The Fully Loaded CATV Meter

The H30D+ a lightweight, compact and robust equipment that includes a full range of tools and functionalities to successfully perform installation, maintenance and troubleshooting tasks in both analogue networks and digital networks with ATSC, and QAM channels. It stands out for incorporating advanced DOCSIS 3.1 measurements, automatic monitoring of the desired channel, double-check connectivity and the information about a QAM channel program content, among other powerful functions. Operating the meter is more flexible thanks to its multiscreen system: the user can manage it remotely and display its contents on their own mobile device (Android, iOS or PC). Wi-Fi and Bluetooth connectivity will let you work with all the conveniences of a wireless connection.

Highlights

- 5-1794 MHz
- Professional RF signal analyzer: decoding and display of video and audio parameters of received 8VSB / 3.0 QAM signals and H.265
- Multiscreen system with touch control
- Wi-Fi and Bluetooth connectivity
- Real-time digital processing
- Light-weight handheld meter
- Services Analyzer
- H.265
- System Scan
- Channel Scan
- MER
- BER
- Constellations
- DOCSIS 3.1
- With Wi-Fi / IPTV analyzers and HEVC display available
- Automatic parameter detection: the H30D+ automatically detects signal type (A/D) and parameters to be measured (constellation, symbol rate, etc)
- All measurements are carried out by pressing a single button equipped with Pass/Fail indicators to reduce installation errors

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Mechanical Specifications	
Screen	2.8" TFT 400 x 240 full color
Weight	633 g (1.39 lb)
Dimensions	175x100x52 mm / 6.9x3.9x2 (HxWxD)
AC Adaptor	Input: 100-240 V~ 50-60 Hz Output: 12 VDC, 2 A
Battery	Li-ion (7.2 VDC, 2550 mAh)
Battery range	<4 hours
Interfaces	Bluetooth, Wi-Fi 2.4/5 GHz, Ethernet 1 Gb, USB 2.0
Resilience	It withstands drops From 1 m (3.2 ft) onto concrete on all sides
Storage capacity	400 MB (internal) for measurements
Impedance	F-type connector - 75 Ohm
Technical Specifications	
Frequency	5 to 1,794 MHz
Resolution	50 kHz
Input Impedance	75 Ohm
Input level	45 - 125
Standards	ITU-T J.83 Annex A/B/C standard
Modulation	16/32/64/128/256 QAM, QPSK
Symbol Rate	2 to 6.9 Msps
MER	40 dB
Digital Measurements QAM	Power
	MER
	C/N
	PreBER (Annex B)
	PostBER (Annex B)
	BER (Annex A/C)
Digital Measurements ATSC 1.0	Constellation with Zoom Capability
	Power
	MER
	C/N
	CBER
	VBER
Digital Measurements ATSC 3.0	Constellation
	Power
	MER
	C/N
	LDPCBER
	BCHBER
Analog Measurements	Echoes
	V/A ratio
DOCSIS	C/N
	Modes: 3.1 / 3.0 / BPI+
	Downstream: Up to 32 QAM channels and 2 OFDM channels of 192MHz Upstream: Up to 8 QAM channels and 2 OFDM-A channels of 96MHz
MPEG Service Information	✓
IP Speed Test	✓
Advanced API	✓
Wi-Fi and Bluetooth	✓
Long Term Monitoring	✓
Wi-Fi Analyzer	✓
Services and IPTV Analyzer	✓
HEVC display	✓