

ALL THE FUNCTIONS YOU NEED NOW ON YOUR SMARTDEVICE



MULTISCREEN AND
REMOTE CONTROL



WI-FI AND BLUETOOTH
CONNECTIVITY



SERVICES AND IPTV
ANALYZER

ATSC 3.0

READY FOR
NEXTGEN TV

* Smartdevice not included

Highlights:

- Professional RF signal analyzer: decoding and display of video and audio parameters of received ATSC 1.0 / 3.0 and QAM signals
- Multiscreen system with touch control: display the meter screen on a mobile device, and control the meter by touch gestures and buttons
- Wi-Fi and Bluetooth connectivity
- Web App to easily manage your meter from your smart device or PC
- Real-time digital processing
- Light-weight handheld meter
- User friendly interface
- Multi-standard, fully configurable; with Wi-Fi / IPTV analyzers and HEVC display available
- All measurements are displayed with a single button press, Pass/Fail indicators provided to reduce errors



REF.		EAN 13
593581	H30EVOLUTION: ATSC 1.0 + QAM	8424450219461
593585	H30EVOL.: ATSC1/3+QAM+IPTV+Wi-Fi+HEVC	8424450219478

H30Evolution goes one step beyond to be the perfect tool for broadcast technicians testing all-new ATSC 3.0 installations

MULTISCREEN AND REMOTE CONTROL

Controllable from any Android or iOS device or a PC

The H30Evolution multiscreen system allows you to display the meter's screen on your smartphone or tablet to wirelessly control the meter or just for the sake of working with a larger screen.

The installer may wirelessly access the equipment at any time from anywhere in the installation (depending on the local network connection range), with the convenience of always using his/her own device.

Simply install the H30Evolution App on your device and connect it to the Wi-Fi network generated by the meter (AP mode).

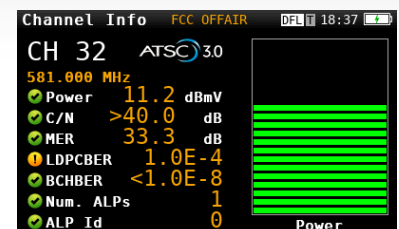


READY FOR NEXTGEN TV

The best tool for ATSC 3.0 installation analysis (*)

H30Evolution provides a deep and detailed analysis of ATSC 3.0 signals. It also provides full analysis of ATSC1.0 and QAM signals, with the ability to decode and display the video and audio parameters of received RF signals.

(*) Optional feature depending on the model: Ref. 593280, that requires previous upgrading with all the optional features (Refs. 5932xx).



WI-FI AND BLUETOOTH CONNECTIVITY

Wireless access to the meter

Equipped with 2.4/5 GHz Wi-Fi and Bluetooth, the equipment allows a secure access through an Android or iOS device, or a PC. The web management application may be used to query and edit channel plans or user profiles, export measurements, etc.

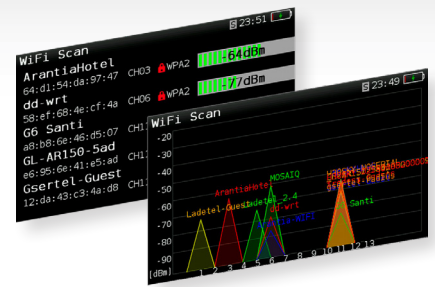


WI-FI ANALYZER (*)

All bands (2.4 and 5 GHz)

This functionality allows a full analysis of the Wi-Fi band for automatic detection of all networks. Each of them is identified by name, and the power of the signal at the access point is also displayed. Two display modes are provided for the user to choose. The “list” mode provides a list of the detected networks with the associated data and power, while the “map” mode represents them on a dual-axis map: power vs. frequency.

(*) Optional feature depending on the model: Ref. 593250



SERVICES AND IPTV ANALYZER (*)

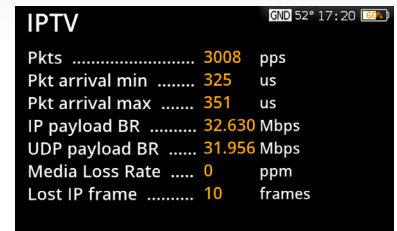
IPTV and RF services information

Provides demodulation and analysis of IPTV streams (both Unicast and Multicast), display both, total bitrate and bitrate for each service. The relevant information for each service is: SID, VPID, AID, video profile, bit rate for both audio and video.

In addition, this option completes the RF measurements since all this information by service is analysed as well for this type of signals.

For IPTV signals, specific protocol measurements (UDP/RTP) are also analysed, such as UDP format, Media Loss Rate, Lost IP frames.

(*) Optional feature depending on the model: Ref. 593251



HEVC DISPLAY (*)

Only available on the meter display screen

Supports HEVC H.265 compression format at Full HD resolution (1920 x 1080).

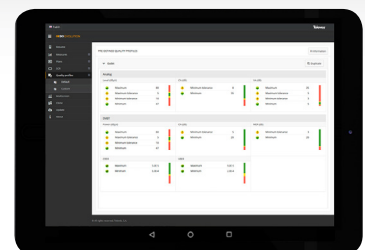
(*) Optional feature depending on the model: Ref. 593252



WEB MANAGEMENT APP

Setting and exporting from your smart device

Due to the meter’s connectivity, the web management App is easily accessed from your smart device. This App offers a user-friendly interface when querying and setting your meter’s data. It may be used to export measurements, edit user profiles and channel plans that may also be exported and shared with other H30Evolution meters.



**H30EVOLUTION SERIES,
READY FOR THE NEXTGEN TV...
AND MUCH MORE**



	Ref. 598585	Ref. 593581
Display	2.8" TFT 400 x 240 full color	
Weight	510g (1.124 lbs)	
Dimensions	175 x 100 x 52 mm / 6.9 x 3.9 x 2 in (H x W x D)	
Battery	LiIon smart battery (7.2VDC, 2300mAh)	
Multi-screen with touch control on mobile device		✓
2.4 / 5 GHz Wi-Fi connectivity		✓
Bluetooth connectivity		✓
Web application to manage, download measurements and remote control		✓
Ethernet interface		✓
HEVC video display	✓	Option 593252
Wi-Fi analyzer	✓	Option 593250
IPTV analyzer	✓	Option 593251
ATSC3.0 measurements	✓	Option 593280 <i>Options 593250/51/52 are required</i>
ATSC1.0 measurements		✓
QAM measurements		✓
Analog measurements		✓