

# ALL THE FUNCTIONS YOU NEED NOW IN YOUR SMARTDEVICE



**MULTISCREEN AND  
REMOTE CONTROL**



**WI-FI AND BLUETOOTH  
CONNECTIVITY**



**SERVICES AND IPTV  
ANALYZER**



**READY FOR  
NEXTGEN TV**

*\* Smartdevice not included*

## Highlights:

- Decoding and display of video and audio components of received RF signals
- Multiscreen system with touch control: display the meter screen on a mobil device, and control the meter by touch gestures and buttons
- WiFi 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 WiFi / IPTV analyzers and HEVC display available
- All measurements are carried out by pressing a single button equipped with Pass/Fail indicators to reduce installation errors



REF.		EAN 13
593581	H30EVOLUTION: ATSC 1.0 + QAM	8424450219461
593585	H30EVOL.: ATSC1/3+QAM+IPTV+WiFi+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 equipment 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 WiFi network generated by the meter (AP mode).

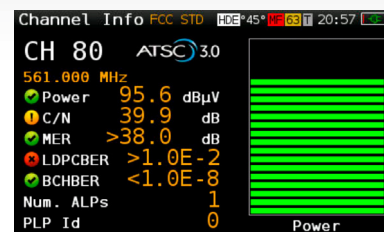


## READY FOR NEXTGEN TV

### The best tool for ATSC 3.0 installations analysis (\*)

H30Evolution provides a deep and complete analysis of the ATSC 3.0 signals. But not only: it also includes full analysis for ATSC1.0 and QAM signals. It also has the ability to decode and display the video and audio components of received RF signals.

(\*) Optional feature depending on the model: Ref. 593280



## 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. In this way, the WEB management application may be used to query and edit channel plans or user profiles, export measurements, etc.

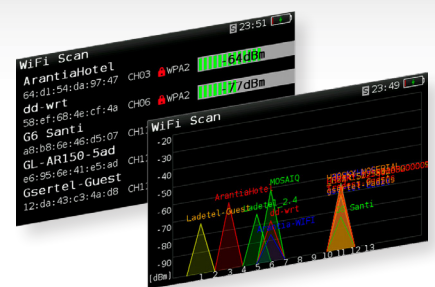


## WI-FI ANALYSER (\*)

### All bands (2.4 and 5 GHz)

This functionality allows a full analysis of the Wi-Fi band for the automatic detection of all the 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

Allows the demodulation and analysis of IPTV streams (both Unicast and Multicast), not only through video display but also by displaying the total bitrate and bitrate for each service. The relevant information for each service is already given: 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

IPTV			52° 17:20
Pkts .....	3008	pps	
Pkt arrival min .....	325	us	
Pkt arrival max .....	351	us	
IP payload BR .....	32.630	Mbps	
UDP payload BR .....	31.956	Mbps	
Media Loss Rate .....	0	ppm	
Lost IP frame .....	10	frames	

## HEVC DISPLAY (\*)

### on the own meter's screen

This functionality supports HEVC H.265 new compression format and allows to display on the meter video signals with a maximum Full HD resolution (1920 x 1080).

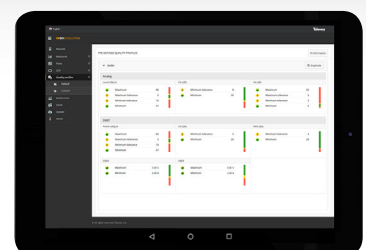
(\*) Optional feature depending on the model: Ref. 593252



## WEB MANAGEMENT APP

### Setting and spreading from your smart device

Thanks to the meter's connectivity, the WEB management App is easily accessed from your smart device. This App offers a user-friendly interface where querying and setting your meter's data. It may be used to export measurements, edit user profiles and channel plans that could 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 colour	
Weight	510g (12.12lb)	
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 WiFi connectivity	✓	
Bluetooth connectivity	✓	
Web application to manage, download measurements and remote control	✓	
Ethernet interface	✓	
HEVC displaying	✓	Option 593252
WiFi analyzer	✓	Option 593250
IPTV analyzer	✓	Option 593251
ATSC3.0 measurements	✓	Option 593280
ATSC1.0 measurements	✓	
QAM measurements	✓	
Analog measurements	✓	