

TV & SPECTRUM ANALYZERS FOR ANY BUDGET

- HEVC H.265**
H.265 HEVC analyzer and decoder
- Wi-Fi**
Wi-Fi networks analyzer
- T2-MI**
T2-MI signal measurements
- TS**
Transport Stream recorder and analyzer
- WEBSERVER**
Full remote control (webControl)
- dab+**
Digital Audio Broadcast radio
- Optical Power Meter and RF converter**
- CI Slot for encrypted channels**
- dCSS**
Digital Channel Stacking Switch LNB (dCSS)
- GPS**
GPS for signal coverage analysis
- ip.tv**
Extended IPTV functions
- 6 GHz**
Up to 6 GHz spectrum analyzer
- 4K Ultra HD**
Ultra HD image decoding and display
- HbbTV**
HbbTV service information

HD RANGER Eco
HD RANGER UltraLite

- DVB-T2, DVB-C2, DVB-S2, DSS
- Super spectrum analyzer
- Triple split display
- Dolby Digital Plus
- Dynamic echoes analyzer

HD RANGER UltraLite

- Tablet size
- The lightest in range

VERSION **DVB**

RANGER Neo Lite

- Touch screen
- HEVC H.265 decoding
- Wide band LNB compatibility
- Wi-Fi analyzer

VERSIONS **DVB ISDB-T**
DVB ISDB-T ATSC

RANGER Neo +

- Web Server remote control
- Merogram and Spectrogram
- Fibre optics and GPS options
- More than 4 hours battery time

VERSIONS **DVB ISDB-T**
DVB ISDB-T ATSC

RANGER Neo 2

- IPTV analyzer
- High resolution filters
- TS-ASI input and output
- Common Interface slot
- Transport Stream recorder/player
- Transport Stream analyzer

VERSIONS **DVB ISDB-T**
DVB ISDB-T ATSC

RANGER Neo 3

- Network Delay Margin (DVB)
- T2-MI analysis
- GPS for drive test measurements

VERSION **DVB ISDB-T**

RANGER Neo 4

- 4K decoder

VERSION **DVB ISDB-T**

ATLAS

- 10.1" multitouch screen
- New spectrum analyzer up to 6 GHz
- DVB-S2x and ATSC 3.0 included
- Multicast/unicast multistream analysis
- SDI analysis
- 4K H.265 10-bit decoder
- Basic Optical Fibre measurements

VERSION **DVB ISDB-T ATSC ATSC 3.0**

Please note **HD RANGER Eco** and **HD RANGER UltraLite** do not belong to **RANGER Neo** series



✓ Included ● Optional

	ATLAS	RANGER Neo				HD RANGER UltraLite & Eco
		3 & 4	2	+	Lite	
4K detection	✓	✓	✓	✓	✓	✓
4K decoder	✓	Neo 4				
HEVC H.265 decoder + 4K Frame Grabber	✓	✓	✓	✓	✓	
H.265 identifier	✓	✓	✓	✓	✓	Eco
HbbTV Information	✓	✓	✓	✓	✓	✓
H.265 10 bit	✓					
Touch screen	✓	✓	✓	✓	✓	
10.1" Multitouch screen	✓					
Wide band LNB Compatibility (wbLNB)	✓	✓	✓	✓	✓	
2.4 GHz Wi-Fi analyzer + 1.8 GHz LTE	✓	✓	✓	✓	✓	
OTT	✓	✓	✓	✓	✓	
HDMI output	✓	✓	✓	✓	✓	
Video/Audio input	✓	✓	✓	✓	✓	✓
Battery time	> 4 h	> 4 h	> 4 h	> 4 h	> 2 h	> 2 h
Resolution filters 200 kHz, 1 MHz	✓	✓	✓	✓		UltraLite
Resolution filters 2, 10, 20, 30, 40 kHz	✓	✓	✓			
Echoes analysis	✓	✓	DVB-T/T2/C2	DVB-T/T2/C2	DVB-T/T2/C2	✓
Constellation diagram	✓	✓	✓	✓	✓	✓
webControl and Video/Audio Streaming	✓	✓	✓	✓		
Spectrogram	✓	✓	✓	✓		
DVB-T/T2: Merogram and MER by carrier	✓	✓	✓	✓		
SCAN + TILT	✓	✓	✓	✓		
IPTV analyzer	✓	✓	✓			
IPTV VLAN, Multistream multicast/unicast analysis	✓					
TS-ASI I/O and recording, TS analysis and recording	✓	✓	✓			
Common Interface (encrypted channels)	✓	✓	✓			
Shoulder attenuation measurement	✓	✓	✓	✓		
T2-MI and Network delay Margin (DVB)	✓	✓				
GPS for drive test	✓	✓	●	●		
Signal monitoring	✓	✓	✓	✓		
DAB/DAB+ channel plan	✓	✓	✓	✓	✓	✓
Advanced DAB/DAB+ analyzer	●	●	●	●		
Advanced FM radio analyzer	●	●	●	●		
WiFi 5 GHz + LTE 2.6 GHz + aux RF input		●	●	●		
Optical power meter + Optical-to-RF converter + WiFi 5 GHz + LTE 2.6 GHz + aux RF input		●	●	●		
Optical power meter + Optical-to-RF converter	●					
4G/5G cellular measurements	●					
Optical ASI and SDI output	●					
Optical ASI and SDI input	●					
ATSC	✓		versión ATSC	versión ATSC	versión ATSC	
ATSC 3.0	✓					
PSIP analysis and Closed Caption support	✓		versión ATSC			
ISDB-T standard + QAM annex B	✓	✓	✓	✓	✓	
DVB-S/S2 + DSS + ACM/VCM + DVB-T/T2/C/C2	✓	✓	✓	✓	✓	✓
DVB-S2x	✓					
SDI analyzer	✓					
Jitter measurement	✓					
New spectrum analyzer (up to 6 GHz, 4 markers)	✓					
Basic Optical Fiber features	✓					
Carrier frequency drift test	✓					
Soft carrying case	✓	✓	✓	✓	✓	✓
Hard transport case	✓	✓	✓	✓		