PROMAX

ATLAS NG

10.1" Multitouch screen

Up to 6 GHz new spectrum analyzer

DVB-S2x and ATSC 3.0

Multicast/unicast multistream analysis

SDI analysis

Advanced OTT measurements

Basic optical fibre measurements

VERSION | DVB | ISDB-T | ATSC | ATSC 3.0

ATSC 3.0
DVB S2X

RANGER Neo 4

4K decoder

VERSION | DVB | ISDB-T

RANGER Neo 3

Network Delay Margin (DVB)

T2-MI analysis

GPS for drive test measurements

VERSION | DVB | ISDB-T

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 +

Web Server remote control

Merogram and Spectrogram

Fibre optics and GPS options

More than 4 hours battery time
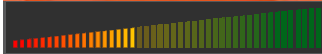
VERSIONS | DVB | ISDB-T
| DVB | ISDB-T | ATSC

RANGER Neo Lite

Touch screen

HEVC H.265 decoding

Wide band LNB compatibility

Wi-Fi analyzer

VERSIONS | DVB | ISDB-T
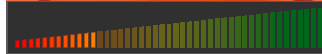| DVB | ISDB-T | ATSC

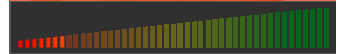## HD RANGER UltraLite

Tablet size

The lightest in the range

VERSION | DVB

HD RANGER Eco

DVB-T2, DVB-C2, DVB-S2, DSS

Super spectrum analyzer

Triple split display

Dolby Digital Plus

Dynamic echoes analyzer

VERSION | DVB

⚠ *HD RANGER Eco and HD RANGER UltraLite do not belong to RANGER Neo series.*

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PROMAX

✓ Included   ◉ Optional

	ATLAS	RANGER Neo 3 & 4	RANGER Neo 2	RANGER Neo +	RANGER Neo Lite	HD RANGER UltraLite & Eco
4K decoder	✓	Neo 4				
HEVC H.265 decoder + 4K Frame Grabber	✓	✓	✓	✓	✓	
H.265 identifier	✓	✓	✓	✓	✓	Eco
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	✓	✓	✓	✓	✓	
Advanced 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	✓	✓	✓	✓		
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	✓		ATSC version	ATSC version	ATSC version	
ATSC 3.0	✓					
PSIP analysis and Closed Caption support	✓		ATSC version			
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	✓	✓	✓	✓		

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