PROMAX

✓ Included
○ Optional

☐ ALL VERSIONS
☐ DVB MODELS ONLY
☐ ISDB-T MODELS ONLY
☐ ATSC MODELS ONLY

	RANGER Neo 3	RANGER Neo 2	RANGER Neo +	RANGER Neo Lite	HD RANGER UltraLite	HD RANGER Eco
HEVC H.265 demodulation	✓	✓	✓	✓		
MPEG-2 and MPEG-4 H.264 demodulation	✓	✓	✓	✓	✓	✓
Touch screen	✓	✓	✓	✓		
Wide band LNB Compatibility (wbLNB)	✓	✓	✓	✓		
2.4 GHz Wi-Fi analyzer	✓	✓	✓	✓		
1.8 GHz LTE	✓	✓	✓	✓		
OTT	✓	✓	✓	✓		
Service recording	✓	✓	✓	✓		
HDMI output	✓	✓	✓	✓		
Video/Audio input	✓	✓	✓	✓	✓	✓
USB interface	2x Type A	2x Type A	2x Type A	2x Type A	1x Mini USB	1x Mini USB
Battery time	> 4 hours	> 4 hours	> 4 hours	> 2 hours	> 2 hours	> 2 hours
Resolution filter 100 kHz	✓	✓	✓	✓	✓	✓
Resolution filter 200 kHz, 1 MHz	✓	✓	✓		✓	
Resolution filter 2, 10, 20, 40 kHz	✓	✓				
Echoes analysis	✓	✓	✓	✓	✓	✓
Constellation diagram	✓	✓	✓	✓	✓	✓
Web server	✓	✓	✓			
Spectrogram	✓	✓	✓			
MER by carrier	✓	✓	✓			
Merogram	✓	✓	✓			
IPTV analyzer	✓	✓				
TS-ASI input and output	✓	✓				
TS analysis and recording	✓	✓				
Common Interface (encrypted channels)	✓	✓				
Shoulder attenuation measurement	✓	✓				
T2-MI	✓					
Network delay Margin	✓					
GPS for drive test	✓	○	○			
DAB/DAB+ digital radio	✓	○	○			
5 GHz Wi-Fi analyzer and 2.6 GHz LTE	○	○	○			
Optical measurements and optical to RF converter	○	○	○			
ATSC standard		✓	✓	✓		
ISDB-T standard		✓	✓	✓		
DVB-T/T2 standard	○	✓	✓	✓	✓	✓
DVB-S/S2, DSS and ACM/VCM standards	✓	✓	✓	✓	✓	✓
DVB-C standard	✓	✓	✓	✓	✓	✓
DVB-C2 standard	✓	✓	✓	✓	✓	✓
QAM annex B standard		✓	✓	✓		
PSIP		✓				
CC analysis		✓				

RANGER*Neo* TV ANALYZERS

PROMAX

H.265 — H-265 HEVC analyser and decoder

WiFi — WiFi analyzer

T2-MI de-encapsulation and analysis

Transport stream recorder and analyser

Webserver control via Ethernet port

DAB+ — Optional DAB and DAB+ digital radio

Optional optical power meter and RF converter

CAM — Common Interface slot for encrypted channels

Digital Channel Stacking Switch LNB (dCSS)

Optional GPS for signal coverage analysis

ip.tv — Extended IPTV functions

5GHz — Optional 5 GHz RF input

HD RANGER Eco	HD RANGER UltraLite	RANGER Neo Lite	RANGER Neo +	RANGER Neo 2	RANGER Neo 3
DVB-T2, DVB-C2, DVB-S2	Tablet size	Touch screen	Web Server remote control	IPTV analyzer	Network Delay Margin
Super spectrum analyzer	The lightest in the range	HEVC H.265 demodulation	Merogram and Spectrogram	High resolution filters	T2-MI analysis
Triple split display	**DVB** version	Wide band LNB Compatibility	Fibre optics and GPS options	TS-ASI input and output	GPS for drive test measurements
Dolby Digital Plus		Wi-Fi analyzer	More than 4 hours battery time	Common Interface slot	DAB/DAB+ digital radio
Dynamic echoes analysis		**DVB** **ATSC** **ISDB-T** versions	**DVB** **ATSC** **ISDB-T** versions	Transport Stream recorder and player	**DVB** version
DVB version				Transport Stream analyzer	
				DVB **ATSC** **ISDB-T** versions	