

RANGERNeo TV ANALYZERS



HD RANGER Eco	HD RANGER UltraLite	RANGER Neo Lite	RANGER Neo +	RANGER Neo 2	RANGER Neo 3	RANGER Neo 4
DVB-T2, DVB-C2, DVB-S2, DSS	Tablet size	Touch screen	HEVC H.265 decoder	IPTV analyzer	Network Delay Margin (DVB)	4K decoder
Super spectrum analyzer	The lightest in the range		Wide band LNB Compatibility	High resolution filters	T2-MI analysis	DVB ISDB-T version
Triple split display			Wi-Fi analyzer	TS-ASI input and output	GPS for drive test measurements	
Dolby Digital Plus				Common Interface slot		
Dynamic echoes analysis				Transport Stream recorder and player		
DVB version				Transport Stream analyzer		
				DVB ISDB-T		
				DVB ISDB-T ATSC		
				versions		

ALL MODELS SUPPORT THE MOST RECENT BROADCASTING STANDARDS

UHD/4K DETECTION & MEASUREMENT

HbbTV INFORMATION

DAB+ CHANNEL PLAN

⚠ Please note HD RANGER Eco and HD RANGER UltraLite do not belong to RANGERNeo series.

A new breed of analyzers for a new world

- ✓ Included
- Optional



RANGER Neo							HD RANGER		
4 DVB ISDB-T	3 DVB ISDB-T	2 DVB ISDB-T	ATSC	DVB ISDB-T	ATSC	Lite DVB ISDB-T	ATSC	Ultra Lite DVB	Eco DVB
4K detection	✓	✓	✓	✓	✓	✓	✓	✓	✓
4K decoder	✓								
HEVC H.265 decoder + 4K Frame Grabber	✓	✓	✓	✓	✓	✓	✓	✓	
MPEG-2 and MPEG-4 H.264 decoder	✓	✓	✓	✓	✓	✓	✓	✓	
HbbTV Information	✓	✓	✓	✓	✓	✓	✓	✓	
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	2x Type A	2x Type A	2x Type A	DVB	
Battery time	> 4 h	> 4 h	> 4 h	> 4 h	> 4 h	> 2 h	> 2 h	1x Mini USB	1x Mini USB
Resolution filter 100 kHz	✓	✓	✓	✓	✓	✓	✓	✓	✓
Resolution filters 200 kHz, 1 MHz	✓	✓	✓	✓	✓				
Resolution filters 2, 10, 20, 30, 40 kHz	✓	✓	✓	✓					
Echoes analysis	✓	✓	✓			✓	✓	✓	✓
Constellation diagram	✓	✓	✓	✓	✓	✓	✓	✓	✓
webControl and Video/Audio Streaming	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrogram	✓	✓	✓	✓	✓	✓	✓		
DVB-T/T2: Merogram and MER by carrier	✓	✓	✓						
SCAN + TILT	✓	✓	✓	✓	✓	✓	✓		
IPTV analyzer	✓	✓	✓	✓					
TS-ASI input and output	✓	✓	✓	✓					
TS analysis and recording	✓	✓	✓	✓					
Common Interface (encrypted channels)	✓	✓	✓	✓					
Shoulder attenuation measurement	✓	✓	✓	✓	✓	✓	✓		
T2-MI	✓	✓							
Network delay Margin (DVB)	✓	✓							
GPS for drive test	✓	✓							
Signal monitoring	✓	✓	●	●	●	●	✓	✓	✓
DAB/DAB+ channel plan	✓	✓	✓	✓	✓	✓	✓	✓	✓
Advanced DAB/DAB+ analyzer	●	●	●	●	●	●	✓	✓	✓
Advanced FM radio analyzer	●	●	●	●	●	●	✓	✓	✓
OPM + Optical-to-RF + WiFi 5G + LTE 2.6G + 6 G RF input	●	●	●	●	●	●			
WiFi 5 GHz + LTE 2.6 GHz + 6 GHz RF input	●	●	●	●	●	●			
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 analysis				✓					
Closed Caption				✓					
Soft carrying bag	✓	✓	✓	✓	✓	✓	✓	✓	
Hard transport case	✓	✓	✓	✓	✓	✓	✓	✓	