

A new breed of analyzers for a new world



RANGER Neo 4 RANGER Neo 3 RANGER Neo 2 RANGER Neo + RANGER Neo Lite HD RANGER UltraLite HD RANGER Eco

✓ Included
 ○ Optional
 □ ALL VERSIONS
 ■ DVB MODELS ONLY
 ■ ISDB-T MODELS ONLY
 ■ ATSC MODELS ONLY

	RANGER Neo 4	RANGER Neo 3	RANGER Neo 2	RANGER Neo +	RANGER Neo Lite	HD RANGER UltraLite	HD RANGER Eco
4K decoder	✓						
HEVC H.265 decod. + 4K Frame Grabber	✓	✓	✓	✓	✓		
MPEG-2 and MPEG-4 H.264 decoder	✓	✓	✓	✓	✓	✓	✓
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	1x Mini USB	1x Mini USB
Battery time	> 4 hours	> 4 hours	> 4 hours	> 4 hours	> 2 hours	> 2 hours	> 2 hours
Resolution filter 100 kHz	✓	✓	✓	✓	✓	✓	✓
Resolution filters 200 kHz, 1 MHz	✓	✓	✓	✓		✓	
Resolution filters 2, 10, 20, 30, 40 kHz	✓	✓	✓				
Echoes analysis	✓	✓	✓	✓	✓	✓	✓
Constellation diagram	✓	✓	✓	✓	✓	✓	✓
Web server and Video/Audio Streaming	✓	✓	✓	✓			
Spectrogram and Merogram	✓	✓	✓	✓			
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	✓	✓					
GPS for drive test	✓	✓	○	○			
DAB/DAB+ digital radio	✓	✓	○	○			
5 GHz WiFi + 2.6 GHz LTE + 6 GHz RF in	○	○	○	○			
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 analysis			✓				
Closed Caption			✓				

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE. 10/17

RANGER^{Neo} TV ANALYZERS



4K
ULTRAHD

H.265

H-265 HEVC analyzer and decoder

WiFi

WiFi analyzer



T2-MI de-encapsulation and analysis



Transport stream recorder and analyzer



Webservice 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

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

Super spectrum analyzer

Triple split display

Dolby Digital Plus

Dynamic echoes analysis

DVB version



HD RANGER UltraLite

Tablet size

The lightest in the range

DVB version



RANGER Neo Lite

Touch screen

HEVC H.265 decoder

Wide band LNB Compatibility

Wi-Fi analyzer

DVB **ATSC** **ISDB-T** versions



RANGER Neo +

Web Server remote control

Merogram and Spectrogram

Fibre optics and GPS options

More than 4 hours battery time

DVB **ATSC** **ISDB-T** versions



RANGER Neo 2

IPTV analyzer

High resolution filters

TS-ASI input and output

Common Interface slot

Transport Stream recorder and player

Transport Stream analyzer

DVB **ATSC** **ISDB-T** versions



RANGER Neo 3

Network Delay Margin

T2-MI analysis

GPS for drive test measurements

DAB/DAB+ digital radio

DVB version



RANGER Neo 4

4K decoder

DVB version



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