

✓ Included ● Optional



	HD RANGER <i>Lite</i>	HD RANGER <i>UltraLite</i>	HD RANGER <i>+</i>	HD RANGER <i>2</i>	HD RANGER <i>3</i>	
STANDARDS	European (DVB) version	DVB-T/C/S DVB-T2/C2/S2 DSS, QAM Annex A/B	DVB-T/C/S DVB-T2/C2/S2 DSS, QAM Annex A/B	DVB-T/C/S DVB-T2/C2/S2 DSS, QAM Annex A/B	DVB-T/C/S DVB-T2/C2/S2 DSS, QAM Annex A/B	DVB-T/C/S DVB-T2/C2/S2 DSS, QAM Annex A/B
	South American and Japan (ISDB-T/Tb) version			ISDB-T/TB DVB-C/S/S2 DSS, QAM Annex B	ISDB-T/TB DVB-C/S/S2 DSS, QAM Annex B	
	North American (ATSC) version			ATSC DVB-C/S/S2 DSS, QAM Annex B	ATSC DVB-C/S/S2 DSS, QAM Annex B	
	H.265 HEVC 1080p					✓
	RDS			✓	✓	✓
	MPEG-2 / MPEG-4 H.264	✓	✓	✓	✓	✓
	Dolby Digital Plus	✓	✓	✓	✓	✓
	Analog TV and FM radio	✓	✓	✓	✓	✓
	DAB/DAB+ digital radio			● (**)	● (**)	●
	LCD	Touch screen			✓	✓
CONNECTIVITY		HDMI output			✓	✓
		IPTV input			✓	✓
		ASI-TS input and output			✓	✓
		Encrypted channels (CAM slot)			✓	✓
		Audio/Video output			✓	✓
		Audio/Video input		✓	✓	✓
		USB connection	✓	✓	✓	✓
		Optical fibre measurements			●	●
		GPS			● (**)	●
	ADVANCED FUNCTIONS	Webserver remote control				✓
T2-MI tables analysis					✓	
Transport Stream analyser					✓	
Signal monitoring				✓	✓	
Merogram and Spectrogram (*)				✓	✓	
MER by carrier measurement				✓	✓	
MER measurement		✓	✓	✓	✓	
Dynamic echoes analysis		✓	✓	✓	✓	
Ultra fast spectrum analyser		✓	✓	✓	✓	
Constellation diagram		✓	✓	✓	✓	
OTHER	Weight (without options)	1.5 kg	1.4 kg	1.9 kg	2.2 kg	2.6 kg
	Battery	> 2.5 h	> 2.5 h	> 5 h	> 5 h	> 5 h
	Hard transport case			✓	✓	✓
	Soft carrying bag	✓	✓	✓	✓	✓
	3 GHz band extension			●	●	●
	19" rack mounting option			●	●	●
Firmware updates	✓	✓	✓	✓	✓	
Upgradable with new functions		✓	✓	✓	✓	

(*) ATSC versions only SPECTROGRAM function (**) Only for European (DVB) version

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE. 11/16

FIELD STRENGTH METERS



H.265

H-265 HEVC analyser and decoder

7GB

Fast-storage 7 GB capacity for user data



T2-MI de-encapsulation and analysis



Transport stream recorder and analyser



Websaver control via Ethernet port



Optional DAB and DAB+ digital radio



Optional optical power meter and RF converter



Common Interface slot for encrypted channels



Digital Channel Stacking LNB (dCSS)



Optional GPS for signal coverage analysis



Extended IPTV functions



Optional 5 GHz RF input



HD RANGER Lite

A HD Analyser at an impressive price. DVB-T/C/S and DVB-T2/C2/S2. Digital and analog. Spectrum, measurements and picture in a single screen. USB connection.



HD RANGER UltraLite

Greater in benefits, smaller in size. A tablet-sized field strength meter of less weight and volume, including analog video input and it is upgradable with new functions.



HD RANGER+

For those who want it all. Includes LTE filters and dynamic echoes analysis. Options for optical fibre and GPS. And more than 4 hours of battery life!



HD RANGER 2

When everything is not enough. Touch screen, real-time Transport Stream analysis, IPTV measurements and decoding, Common Interface (CAM), TS-ASI input and output, HDMI...



HD RANGER 3

Three steps in the right direction! HEVC H.265 analyser and decoder, T2-MI de-encapsulation and analysis, websaver control via Ethernet port, extended IPTV functions...