Technical specifications

Ref. 596111

Screen		Touch, Color TFT						
Screen size	in	8						
Battery power	Vdc	7.2						
Battery capacity	mAh	9000						
Battery range	h	4						
Operating temperature	°F	23 ... 113						
PSU input voltage	Vac	100 ... 240						
Mains frequency		50 Hz / 60 Hz						
PSU output voltage	Vdc	12						
Max PSU output current	A	4						
RF connectors		"F" female						
Optical connectors		FC/APC						
USB port		USB 2.0						
Display port		HDMI®						
Audio port		Jack						
GPS antenna		No						
CAM		Yes						
Storage capacity	GB	32						
Frequency range	MHz	5 ... 3300						
Measurements resolution	kHz	1						
Ethernet		Yes						
Span		100 KHz ... 3,3 GHz (any value)						
Scale (dB/div)		10 / 5						
Reference level		Automatic / Manual						
RBW		500 Hz / 1 KHz / 3 KHz / 5 KHz / 10 KHz / 30 KHz / 50 KHz / 100 KHz / 300 KHz / 500 KHz / 1 MHz / 3 MHz / 5 MHz						
Number of markers		6						
Delta function		Yes						
Event trigger		Yes						
Waterfall		Yes						
Traces		Maximum / Minimum						
Standards		DVB-T	DVB-T2	DVB-C	DVB-S	DVB-S2	DVB-S2X	FM
Modulation format		16QAM / 64QAM / COFDM / QPSK	16QAM / 256QAM / 64QAM / COFDM / QPSK	16QAM / 256QAM / 32QAM / 4QAM / 64QAM	QPSK	16APSK / 32APSK / 8APSK / 8PSK / QPSK	16APSK / 32APSK / 8APSK / 8PSK / QPSK	--
Digital channel format (ITU-T J.83)		--	--	Annex A / Annex B / Annex C	--	--	--	--
Signal level	dBmV	-40 ... 68	-40 ... 68	-40 ... 68	-40 ... 68	-40 ... 68	-40 ... 68	-40 ... 68
C/N	dB	< 52	< 52	< 52	< 30	< 30	< 30	< 52
MER	dB	< 40	< 40	< 40	< 20	< 20	< 20	--
Pre-BER		--	--	1.0E-2 – 1.0E-8	--	--	--	--
Post-BER		--	--	1.0E-2 – 1.0E-9	--	--	--	--
BER		--	--	1.0E-2 – 1.0E-8	--	--	--	--
CBER		1.0E-2 – 1.0E-6	--	--	1.0E-2 – 1.0E-6	--	--	--
VBER		1.0E-2 – 1.0E-8	--	--	1.0E-2 – 1.0E-8	--	--	--
LDPCBER		--	1.0E-2 – 1.0E-6	--	--	1.0E-2 – 1.0E-6	1.0E-2 – 1.0E-6	--
BCHBER		--	1.0E-2 – 1.0E-8	--	--	1.0E-2 – 1.0E-8	1.0E-2 – 1.0E-8	--
Link margin	dB	--	< 30	--	--	< 10	< 10	--
Echoes		Yes	Yes	--	--	--	--	--
Constellation		Yes	Yes	Yes	Yes	Yes	Yes	--
MER per carrier		Yes	Yes	--	--	--	--	--
Multiple PLP		--	Yes	--	--	--	--	--
Multi TS		--	--	--	--	Yes	Yes	--
PLS scrambling		--	--	--	--	--	Yes	--
RDS		--	--	--	--	--	--	Yes
Error packets		Yes						
TILT		Yes						
Attenuation		Yes						
Type of FO		Selective OF						
IPTV analyzator		Yes						
Voltmeter		No						
IP speed test		Yes						
Full HD display (MPEG2/MPEG4)		Yes						
4K display		Yes						
MPEG info		Yes						
Powering per preamps	Vdc	5 ... 24						
Max. current preamps	mA	< 900						
Powering LNB	Vdc	5 ... 24						
Max current for LNB	mA	< 900						
LNB tone (22KHz)		Yes						
DiSEqC-commands		Yes						
dCSS standard		EN50494 / EN50607						