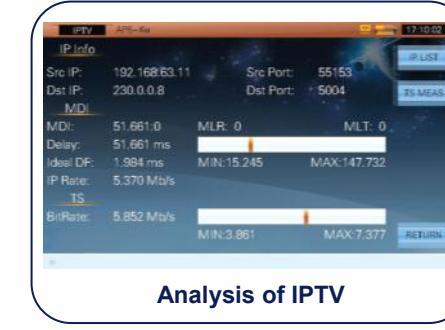
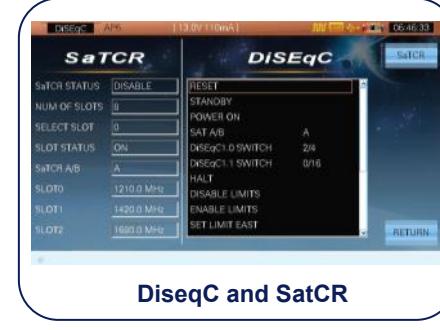
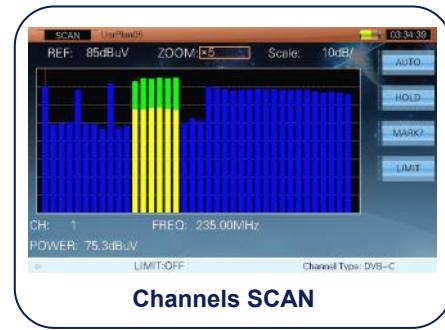
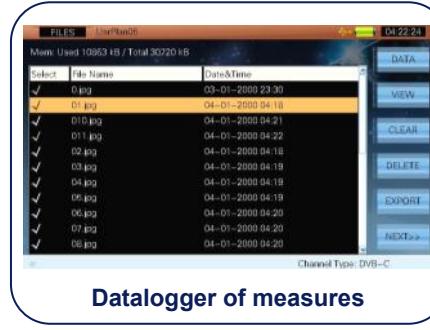
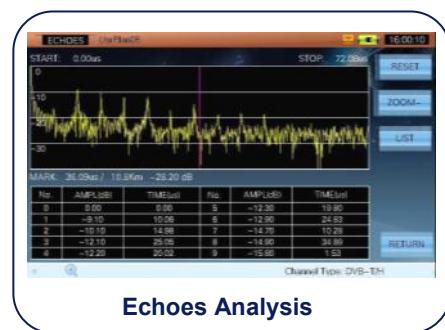
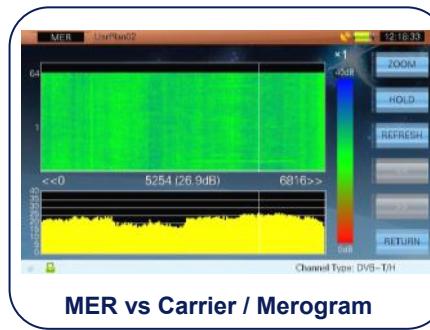
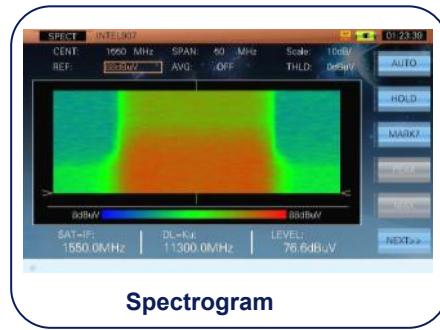
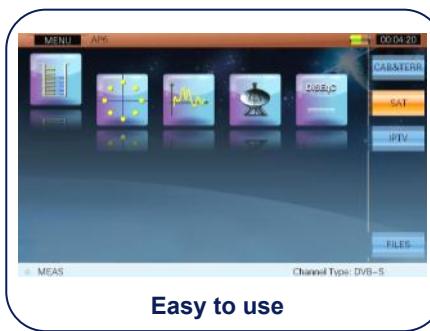
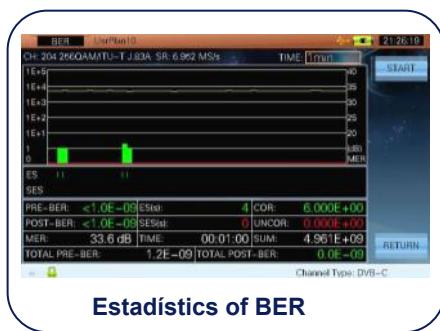


HDTV FIELD STRENGTH METER DTVLINK-2

AD INSTRUMENTS



- * All in one: QAM(J.83A/B/C/D), DVB-T/H, ATSC, DVB-S/S2, IPTV (Optional)
- * Digital/Analog TV and Satellite TV analysis.
- * Fast and advance spectrum analysis with 5 ~ 2150 MHz frequency span
- * DSP Technology to support different Video decoding: MPEG-2 , MPEG-4 and H.264 for 1080i, 720p and 576i, support PAL/NTSC/SECAM.
- * TS record and TS replay, Transport Stream analyzer optional.
- * GPS option.
- * HDMI, LAN and USB interface
- * High resolution 7" TFT LCD with bright display for outdoors use.
- * W245×H194×L105, light weight.
- * Working time >5 hours (battery)



Analogue TV		Spectrum Analyzer	
Standars	B/G, I, D/K, L/L', MN	Frequency Range	5 MHz ~ 1050 MHz (TV) 950 MHz ~ 2150 MHz (SAT)
Colour Standars	PAL, SECAM, NTSC	Span	1 MHz ~ 1050 MHz (TV), 10 MHz ~ 1200 MHz(SAT)
Frequency Step	10 kHz	Frequency Step	10 kHz (TV), 1 MHz (SAT)
Hum Measurements	> 50dB	Resolution Bandwidth (-3 dB)	30 kHz, 100 kHz, 300 kHz, 1 MHz, 3 MHz (TV) 1 MHz, 3 MHz (SAT)
C/N	> 50dB	Level Measurement Range	10 dBµV ~ 120 dBµV (TV) 30 dBµV ~ 120 dBµV (SAT)
Level Measurement Range	30 dBµV ~ 120 dBµV	Accuracy of Measurements	<1.5 dB
Accuracy of Measurement	< 1.5 dB	Measurement Detector	Peak, Sample, AVG (TV), Spectrogram, Spectrogram + Spectrum analyzer
Level resolution	0.1 dB	Reference Level	30 dBµV ~ 120 dBµV
CATV (DVB-C ITU-T J.83 annex A/B/C/D)		Markers	2
Modulation Type	16/32/64/128/256 QAM, 8VSB, 16VSB	Especrogram	✓
Symbol Rate	4.0 MS/s ~ 7.0 MS/s	Digital Video/Audio Decoder	
Power Level Range	30 dBµV ~ 110 dBµV	Video	MPEG1/2/4, H.264
Power Level Resolution	0.1 dB	Resolution	1080i, 720p y 576i
Power Level Accuracy	±1.5 dB(C/N > 20 dB)	Audio	MPEG1/2/4, AAC
MER Measurement	~40 dB	Transport Stream Analyzer (Optional)	
MER Accuracy	±2.0 dB	TR101290 Monitor	Three levels real time monitor
BER (Pre-BER, Post-BER)	1E-3 ~ 1E-9	TR101290 Monitor	Three levels real time monitor
Constelation	✓	Base Information	Count the PIDs percent according to the type of the stream. Videos, Audios, PSI/SI, Null Packages.
DVB-T/H		PID List	Display all the PIDs in current TS
Modulation Type	QPSK, 16 QAM, 64 QAM	PCR Monitor	Calculate PCR interval and PCR accuracy
Power Level Range	25 dBµV ~ 110 dBµV	PSI/SI List	Display the PSI/SI infos by tree view, including PATM PAT,PMT,CAT (NIT,SDT,RST,TDT,EIT)
Power Level Resolution	0.1 dB		
Power Level Accuracy	±1.5 dB (C/N > 20 dB)		
MER Measurement	> 30 dB		
MER Accuracy	±2.0 dB		
CBER/VBER	✓	DVB-S/S2	
Constellation	✓	Program info	EPG
MER Versus Carriers/ Merogram	✓	PID Capture	Capture a specified PID by its type :Video, Audio, PSI (PAT,PMT,NIT,TDT,RST,SDT,EIT) etc.
Echoes	✓	Record/Play TS	USB memory, max 2 Gb/file.
DVB-S/S2		Interface	
Modulation Type	QPSK, 8PSK	RF Input	75 Ω
Symbol Rate	2 - 45 MS/s (DVB-S) 1 - 45 MS/s (QPSK DVB-S2) 1 - 45 MS/s (8PSK DVB-S2)	HDMI Output	Standard 1.3
Power Level Range	40 - 110 dBµV	USB	USB 2.0
Power Level Resolution	0.1 dB	LAN	10/100 M
Power Level Accuracy	±1.5 dB (C/N>20dB)	General	
MER Measurement	> 25 dB	Display	7 inches TFT LCD 800 × 480 pixels
MER Accuracy	±2.0 dB	AC/DC Adaptor	AC 100 - 240 V/50-60 Hz DC 12 V/5 A
BER	DVB-S (CBER/VBER), DVB-S2 (CBER/LBER)	Battery	Li-ion, 7.4 V/13 Ah
Constellation	✓	Charge Time	Around 5 Hours
ATSC		Working Time	>4 Hours
Modulation Type	8 VSB	Remote Fiddling	5/13/15/18/24 V, Max. 5 W
Power Level Range	25 dBµV ~ 110 dBµV	Control Signals	DiSEqC 1.2 y SatCR
Power Level Resolution	0.1 dB	Dimension (W×H×L) / Weight	245 × 194 × 105mm / approx. 2.8 Kg
Power Level Accuracy	±1.5 dB(C/N > 20 dB)	Working Temperature	-10 ~ +50 °C
MER Measurement	≤35 dB		
MER Accuracy	±2.0 dB		
BER	✓		
Constelation	✓		