

HIGH DEFINITION TV ANALYSER



- ✓ Video decoding: MPEG-2 and MPEG-4 H.264
- ✓ Audio decoding: Dolby Digital Plus, HE-AAC, AAC and MPEG-1/2
- ✓ Video formats: SD (standard definition) and HD (high definition)
- ✓ Video resolutions: 1080i, 720p and 576i
- ✓ Screen formats: 16:9 and 4:3
- ✓ HDMI interface
- ✓ ISDB-T/T_B, DSS, DVB-C, QAM Annex A & B and DVB-S/S2
- ✓ CAM module (Conditional Access) for encrypted channels
- ✓ TS-ASI input and output
- ✓ Constellation diagram



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SPECIFICATIONS	TV EXPLORER <i>HD</i> ISDB-T/T _B
FREQUENCY MARGIN	From 5 to 1000 MHz and from 950 to 2150 MHz
VIDEO Digital modulations Resolutions Video formats Colour system Aspect ratio	ISDB-T/T _B , DSS, DVB-S, DVB-S2, DVB-C Annex A & B 1080i, 720p, 576i MPEG-2, MPEG-4 H.264 PAL M, N / NTSC M, N 16:9, 4:3
CONNECTIONS	SCART, HDMI, TS-ASI (input and output), USB, Common Interface
DIGITAL MEASUREMENTS	Power, CBER, VBER, MER, C/N, Noise margin, Link margin, Wrong packets, LBER
DVB-S2 SIGNAL PARAMETERS	Symbol rate (QPSK) 1 to 45 Mbaud Symbol rate (8PSK) 1 to 45 Mbaud
ANALOGUE MEASUREMENTS	Level, V/A, C/N, deviation, FM demodulation
ADVANCED FUNCTIONS	- Channel Scan and Channel Table Creation (EXPLORER) - Automatic identification of the signal type (AUTO ID) - Constellation diagram for ISDB-T, DVB-C, DVB-S and DVB-S2 - Built-in spectrum analyser with direct access keys - Datalogger (measurements automatic acquisition and storage) for digital and analogue channels. - SAT IF test (IF distribution network response for satellite band) - Attenuation test function (signal distribution network response for terrestrial band) - DiSEqC generator and LNB supply - Audio and Video recording and playing