

HIKARISOFT LLP

Professional ISDB-T USB 2.0 Receiver

ISDB-TB2 (Japan/Brazil, ISDB-T/SBTVD, 8MHz)

Overview

Portable, USB bus-powered ISDB-T receiver for analyzing and recording signal in the field and in the lab. Receive, analyze and record ISDB-T Transport Streams, including broadcast null packets.

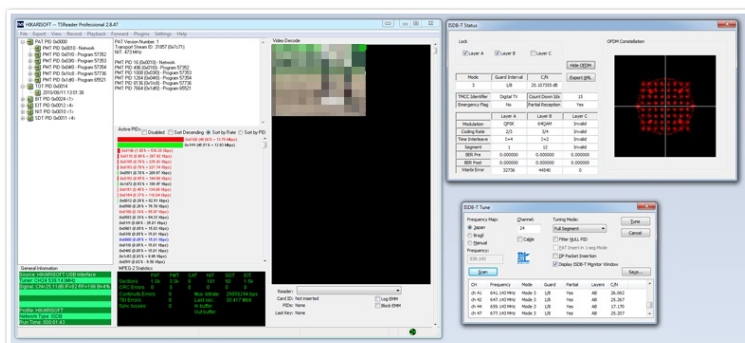
View detailed layer information, SNR, BER, input RF level and OFDM constellation. Export layer configuration to DekTec "StreamXpress"-compatible XML file for re-modulation in the lab. Record full mux, single program, specific PID(s) only.

Latest Silicon tuner technology supporting extended 47MHz to 1000MHz frequency range. High-speed channel scan allows quickly checking SNR and transmission parameters across entire band. Transport Stream analyzer software package "TSReader" available in Standard or Professional versions (Windows only). Linux 2.6+ DVB-API compatible driver available. Supports ISDB-T, ISDB-Tsb, ISDB-Tmm and SBTVD.



Technical Specifications

Input Frequency Range	47 ~ 1000MHz (all VHF/UHF band)
Input RF Connector	75 Ohm MCX connector w/F adapter
Input RF Level	-100dBm ~ -12dBm
Channel Bandwidth	Selectable 6, 7 or 8MHz
Supported Standards	ISDB-T, -Tsb, -Tmm, SBTVD
Emergency Broadcast	EWBS, AC Data, emerg
Layers	A, AB, ABC
ISDB-T Mode	1, 2, 3
Guard Interval	1/4, 1/8, 1/16, 1/32
Modulation Mode	DQPSK, QPSK, 16-QAM, 64-QAM
Coding Rate	1/2, 2/3, 3/4, 5/6, 7/8
Segments	1, 3, 13, Partial Reception
Time Interleave	0, 1, 2, 4, 8, 16, 32
Transport Stream Bitrate	40Mbps max
Size (WxHxD), Weight	57mm x 18mm x 50mm, 40 gram
Operating Environment	Windows 32/64bit, Linux 3.0+



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