

HIKARISOFT CO LTD

Professional Multi-Standard USB 2.0 Receiver

ISDB-T,S3 (ISDB-T,C,S,S3, DVB-S,S2 TS/TLV Out

Overview

Portable, USB bus-powered Multi-Standard receiver for analyzing and recording signal in the field and in the lab. Receive, analyze and record terrestrial and satellite ISDB streams, including new 4K/8K ISDB-S3 broadcasts. Output original unmodified Transport Stream including broadcast NULL packets, or TLV when receiving ISDB-S3. Monitor detailed transmission information such as C/N, BER, input RF level and constellation. For satellite reception, LNB power supply is provided and can generate 11/15V required for domestic LNBs, as well as 40kHz tone to support orbital switching for SkyPerfecTV LNBs. Extended 3.2GHz receive support allows reception of LHCP transponders such as NHK 8K. Transport Stream analyzer software package "TSReader" available in Standard or Professional versions (Windows only). Using TSReader, record full mux, single program, specific PID(s) only. Linux user-mode libUSB based driver/API is available. Supports ISDB-T, -Tsb, -Tmm, -C, -S, -S3, DVB-S, -S2.



Technical Specifications

Supported Standards
Input Frequency Range

Terrestrial RF I/F
Terrestrial Channel Bandwidth
Terrestrial Emergency Broadcast

Satellite RF I/F
Satellite LNB Power Supply

Transport Stream Bitrate
PC Interface

USB Power Requirement
Size (WxHxD), Weight
Operating Environment

ISDB-T, -Tsb, -Tmm, -C, -S, -S3, DVB-S, -S2
90MHz-780MHz (Terrestrial, Cable)
1032MHz-3224MHz (Satellite)

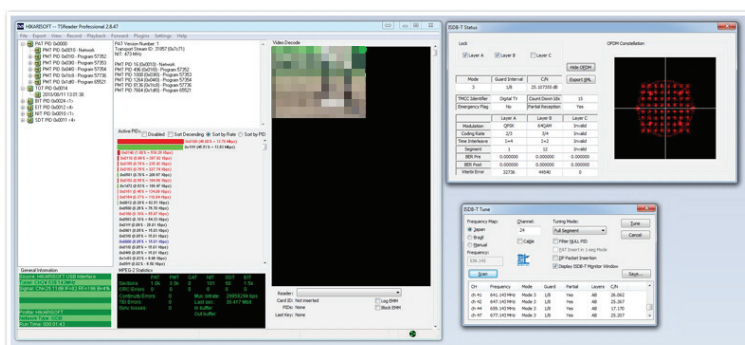
75Ω F-Connector, -75dBm to -10dBm
Selectable 6 or 8MHz

EWBS Flag Support
75Ω F-Connector, -83(-61*)dBm to -15dBm

11V-15V, 400mA max, 40kHz Tone
40Mbps (Terrestrial), 120Mbps (Satellite)

USB 2.0 High-Speed Type B Connector
900mA Bus-Powered

120mm x 55mm x 135mm, 400gram
Windows 32/64bit, Linux w/libUSB



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