



DIGITAL TERRESTRIAL

DVB-T Professional Receiver – DVB-2050



Highlights

Up to 60 Mbps throughput to the PCI Bus

Hardware acceleration for DVB handling

COFDM demodulation

Drivers for Windows™ and Linux

Optional SDKs for Windows™ and Linux

Optional Smart Card

Overview The DVB-2050 is a highly integrated DVB Terrestrial receiver card designed for DVB-T networks. Featuring unparalleled RF performance, high data throughput, and optional support for popular conditional access systems, the DVB-2050 delivers the flexibility and performance necessary for demanding broadcast applications.

Benefits

Performance Designed for optimal performance, the DVB-2050 incorporates efficient Transport Stream input technology enabling data rates up to 60Mbps in a single stream (PID) and support for up to 8 PIDs of video, audio and data simultaneously. Variable data rates are supported within the DVB-T signal to noise specification, providing the flexibility to maximize channel bandwidth utilization.

Security Supporting popular conditional access systems, the DVB-2050, when this option is enabled, can be integrated into a wide variety of secure broadcast environments. An external smart card reader provides quick installation and eliminates the need for additional hardware or cables.

Compatibility/Interoperability The DVB-2050 leverages VBox Communications extensive expertise in applications, data processing, device drivers, firmware, networking and user applications development, ensure interoperability across various system architectures, conditional access and operating systems.

VBox Communications Ltd is a provider of customer premises receiver solutions for digital TV and data broadcasting networks. VBox's PCI cards and USB boxes provide a whole range of digital TV reception capabilities, including handling of encrypted content for Pay TV services and delivery of high-quality video, audio and data services. VBox also provides Routers and Gateways for the reception of data and high quality digital content from digital broadcast infrastructures and its distribution over LAN.

