

TQK150

Satellite (QPSK) Capture PCI Board



System Contents : TQK150 PCI Board + Bracket Assembly + CD + Manual

Overview

The Satellite DTV capture board TQK-150 is one of Teleview MPEG Stream boards that cover VSB/QAM, QPSK reception and modulation boards as well as Transport Stream in/out. These product line shares common hardware architecture and API for easy adaptation of application software.

Features

- DVB-S Compliant QPSK reception
- C-band and Ku-band compliant
- L-band (950MHz ~2150 MHz) input BNC connector
- 13/18V LNB power supply with 22 kHz tone
- On board TTL level RS232C port
- Real-time loop-through monitoring of input signal to DVB-SPI(LVDS)/DVB-ASI output
- Windows 2000 WDM device driver and DLL with API supported
- Sample Play/Capture software with source code in Visual Basic and Microsoft C
- Downloadable EPLD program option set
 - Play/Capture only
 - Play/Capture with real time TS analysis
 - Play with Re-multiplexing (multiplex incoming TS with playing TS).
- Companion boards
 - May use with Teleview 8VSB/QPSK/QAM modulator PCI card (TVB360)
 - May use with Teleview Audio/Video decoder PCI card (TMS491) through LVDS cable

Specifications

QPSK Input Connector: 75 ohm F-type Format: ATSC A/53 Modulation: QPSK Symbol rate : 1~45 Msym/sec	On Board Buffer 16 Mbytes	PCI Bus PCI version 2.1 compliant
LNB Control 13/18V 400mA with short protection 22kHz on/off	Serial Interface RS232C Compatible TTL level 115,200 bps 8 bit no parity	Physical/Environmental HxW: 107mmx205mm
LVDS TS Output* Connector: 26pin header Level: LVDS Bit rate: 1~60 Mbps with 1 Hz step	Operating System Microsoft Windows 2000 Professional	Power Supply DC 5V 1.1A typical

* DVB-ASI TS Output Option available
(Connector: 75 ohm SMB(male),
Clock rate : 270MHz +/- 100ppm,
Bit rate: 1~60 Mbps with 1 Hz step)