

Overview

The Abilis DVB-Titan USB Sticks are small form factor, low cost, USB DVB-T receiver specifically targeted at PCTV and Set-Top-Boxes accessory applications. They are based on the highly integrated and high performance AS-102 chip.

We offer both off-the-shelves certified products or ready-to-manufacture reference designs to ODM or OEM to shorten their time-to-market leadtime. A variety of software drivers enable an easy interface to any device.

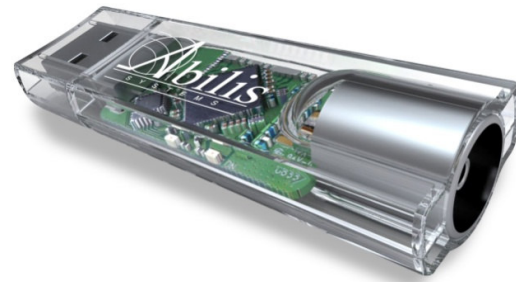
Applications

- Laptops and notebooks
- Ultra mobile PC, MID
- Satellite or Cable STB to be upgraded with DVB-T support.

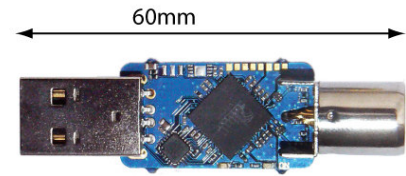
Benefits

- **Ultra small designs** that can fully integrate into the notebook when plugged in. Two models with IEC or MCX connectors.
- **Excellent RF performance** with mobility for watching digital TV at any location. AS-D02Q sensitivity performance¹:
 - QPSK(CR=1/2) -96 dBm
 - 16QAM(CR=3/4) -87 dBm
 - 64QAM(CR=2/3) -82 dBm
- **Ultra low power consumption**
 - Operational mode < 900 mW
- **Off-the-shelves** products available from our ODM partners, with performance and CE marking certificates.
- Ready-to-manufacture **reference designs** also available for ODM and OEM.
 - Schematics, Gerber files, BoM
 - Software drivers

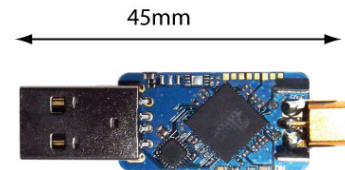
¹ AS-D02Q performance measured at 8K, GI=1/4, 8MHz, CH45=666MHz



DVB-Titan I
Low Cost DVB-T
PCTV Stick



DVB-Titan II
Ultra-small DVB-T
PCTV Stick



Features

- Highly integrated USB stick for PCTV
 - Single chip AS-102 DVB-T receiver
 - On-board InfraRed detector
 - On-board EEPROM
 - On-board LED
- Extensive standard compliance
 - Nordig 2.0 and D-book V5
 - MBRAI
- Certified USB drivers
 - Windows XP / Vista / 7
 - Linux (from Kernel 2.6.20)
- Application player support
 - Windows Media Center
 - ArcSoft TotalMedia
 - Other players on request
- Comprehensive support suite
 - GUI for performance evaluation
 - Performance and test reports
 - Field trial reports