

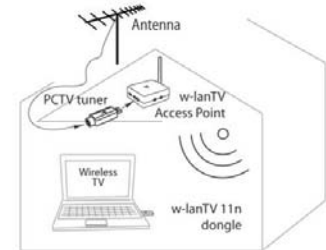


# w-lanTV 50n

## DVB-T WiFi Streaming throughout Your Home



DVB-T Station



The included w-lanTV 50n USB dongle ensures highest transmission speed from the w-lanTV 50n Access Point. USB dongle and Access Point fully support the WPS (WiFi protected setup) standard for fast and easy installation.

As an alternative to an ad-hoc pure wireless connection, you can use the built-in Ethernet port of the w-lanTV 50n Access Point to connect directly to your home network switch or router.

The included all-new TVCenter 6 software makes it easy to watch, timeshift and record live TV. With its newly designed user interface it integrates smoothly into Windows® Vista and Windows 7. It enables watching TV and recordings in full-screen or in a freely scalable window while working with other software.

### Overview

w-lanTV 50n is a complete kit for wireless transmission of DVB-T TV- and radio programs to your laptop or Desktop PC. The 802.11n compatible kit consists of:

- w-lanTV 50n Access Point
- w-lanTV 50n USB dongle
- PCTV nanoStick Solo DVB-T USB receiver

The set-up is as easy as 1-2-3:

1. You place the w-lanTV Access Point where you have best DVB-T reception, e.g. near a window or next to the roof-antenna cable
2. You connect the included rod antenna or your outdoor antenna to PCTV nanoStick Solo and plug it into the Access Point's tuner port
3. You connect the USB dongle to your laptop or desktop PC, run the software installation and – enjoy digital TV via wireless LAN

### Target Market

#### Netbook and Laptop Users in all DVB-T areas

Users of these PC categories who want to watch DVB-T throughout their homes but don't have a sufficient DVB-T signal for indoor reception. Thanks to w-lanTV 50n these users are now enabled to watch TV wherever they have good wireless LAN reception. They can enjoy the portable watchTV experience which normally only get users with strong DVB-T coverage at their location. The included easy-to-use TVCenter application provides a wide range of TV and PVR features, comparable to those of a high-end set-top box. All these features are available wirelessly, side by side with an existing wireless Internet connection.

Furthermore, the included hardware components enable other use cases, such as upgrading an existing WiFi adapter to the 802.11n standard or usage of the PCTV nanoStick Solo directly connected to any Windows PC or laptop.

## Key Features

### Complete Kit for Wireless TV at Your Home

- DVB-T USB tuner with integrated sliding mechanism to protect the USB connector – never gets lost
- 802.11n Access Point with port for dedicated PCTV tuners
- Compact-sized 802.11n USB dongle for highest transmission rates
- Supports WiFi protected setup (WPS)<sup>4</sup>
- Supports H.264 HDTV over DVB-T
- Includes mini rod antenna
- Trim and edit recordings with the included video editing software
- Compatible with Windows® Media Center

### All-New TVCenter Software

- Watch TV in full-screen or a freely scalable window – with a completely new user interface
- Use timeshift to stop and rewind live TV
- Store TV on your hard drive in MPEG-1/-2 or DivX format
- Optimized software to run smoothly even on Netbooks
- Integrated EPG and ultra-fast Teletext (where available)

### Great Program Guide

- Use TV Digital OnGuide software and the experience of Europe's largest TV editorial staff to find your favorite TV shows and schedule recordings<sup>2</sup>

## Technical Specification

### Minimum System Requirements

- Microsoft® Windows 7® or Windows Vista with latest Service Pack, 1 GB RAM
- Or Windows XP (32 bits) with latest Service Pack, 512 MB RAM
- PC with 1.5 GHz processor
- For HDTV<sup>3</sup> reception: 2.0 GHz multi-core processor
- Graphics / sound controllers with support for DirectX® 9 or higher
- Free USB 2.0 compatible port
- Hard disk with 5 GB free space (for Timeshifting and TV recordings)
- CD/DVD drive (for the software installation)
- Optional: Internet connection for software updates and activations

### PCTV nanoStick Solo Tuner

- TV standard: Digital terrestrial TV (DVB-T; MPEG-2, MPEG-4 AVC / H.264)
- Tuning range 174~862 MHz
- Channel bandwidth 7, 8 MHz
- Antenna input: IEC, 75 Ohm
- Interface: USB 2.0 (Hi-Speed)

### 802.11n Access Point and USB Dongle

- Access point with certified PCTV tuner port
- IEEE 802.11n/g/b, Wi-Fi compliant
- Frequency Range: 2,4 GHz
- Wifi channels: 1 ~ 13 (general Europe)
- Security:
  - WEP 64-bit and 128-bit encryption
  - WPA, WPA2
  - WPS (Wi-Fi Protected Setup)<sup>4</sup>

### TV Recording Formats<sup>5</sup>

- MPEG-1 (off-line trans-coding)
- MPEG-2 transport stream
- MPEG-4 H.264 (AVC) transport stream
- DivX (off-line trans-coding)

### Important notes on DVB-T reception:

Please ask your dealer whether DVB-T is available in your region. DVB-T reception is depending on location and might be impaired by thick or steel-enforced walls, and high neighboring buildings. In such environments, an outdoor / roof-top DVB-T antenna is required. Mobile reception of DVB-T, e.g. in a car or train, is in general not possible.

## Product Description

### 25-Words

Complete package for streaming your DVB-T signal thorough you home network; lossless and in highest quality thanks to 802.11n WiFi technology; user-friendly and powerful TVCenter 6 software.

### Main bullet points:

- DVB-T tuner with 802.11n WiFi transmission
- Ready-To-Use solution with all required hardware and software

### 50-Words

w-lantv 50n by PCTV Systems is a complete solution for digital wireless TV throughout your home. Enjoy DVB-T in full quality on any PC thanks to latest 802.11n technology. The product consist of a DVB-T USB tuner, 802.11n access point and 802.11n USB dongle as well as all software needed for perfect DVB-T TV and radio streaming.

## 100-Words

w-lantv 50n by PCTV Systems is a complete solution for digital wireless TV throughout your home – even in areas with weak DVB-T reception. Enjoy DVB-T in full quality on any PC thanks to latest 802.11n technology. The product consist of a DVB-T USB tuner, 802.11n access point and 802.11n USB dongle as well as all software needed for perfect DVB-T TV and radio streaming in your home.

The included new TVCenter 6 software minimizes the set-up time and lets you timeshift and rewind live TV and easily schedule recordings via the Electronic Program Guide or by a few mouse clicks.

<sup>1</sup> DVB-T radio is not available in all regions.

<sup>2</sup> 30 days trial period of editorial content with paid upgrade; after expiration free EPG content for up to 3 days (depending on TV station)

<sup>3</sup> HDTV reception only where available via DVB-T broadcast

<sup>4</sup> WPS (WiFi protected setup) works with Windows Vista and Windows 7

<sup>5</sup> free online activation may be required

PCTV Systems reserve the right to change product specifications without notice.



## Reference

Product Name	PCTV Systems SKU	PCTV Systems UPC
PCTV w-lantv 50n KIT w 73eSE GB	23021	785428230214
PCTV w-lantv 50n KIT w 73eSE D	23028	785428230283
PCTV w-lantv 50n KIT w 73eSE F	23029	785428230290
PCTV w-lantv 50n KIT w 73eSE I	23030	785428230306
PCTV w-lantv 50n KIT w 73eSE E	23031	785428230313

## Pack dimensions and weights

155x155x155 mm

0,5 kg

## Pack content

- PCTV nanoStick Solo USB 2.0 TV tuner stick for DVB-T (73e SE)
- w-lantv 50n Access Point
- w-lantv 50n USB dongle
- mini rod antenna
- USB extension cable
- Power supply unit DC 230/50HZ 12V /1.25A with BSI/VDE plug (UK / continental Europe)
- CD with TVCenter 6, EPG and video editing application, drivers and documentation
- Printed Quick Start Guide for w-lantv 50n and PCTV nanoStick Solo
- Printed Support and Service information