TBS 6528Multi-standard TV Tuner CI PIC-e card
User Manual

Dear Customers,

   Thank you so much for choosing this product.

   TBS6528 is a PCI Express TV tuner card that supports multiple digital TV standards, including DVB-S2/S, DVB-T2/T, DVB-C2/C, DVB-S2X and ISDB-T, which makes a switchover between different digital TV signals more convenient. Furthermore, with built-in Common Interface that allows insertion of CAM and smartcard for pay TV, it becomes your best choice to watch/record digital cable HD TV on PC.

   In order to use this item correctly, please read this manual carefully at the beginning.

1．Package Contents

☐ **TBS 6528 Multi-standard TV Tuner PIC-e card**..1 pcs
☐ **DC line…...**..1 pcs
☐ **F-IEC Adapter………………………………………………………………1pc**s
※If anything is missing, please contact your dealer.
※If additional information is attached on a separate paper, please be sure to reference.

2. Hardware Installation
2.1 Install Tuner Card

   Power off the computer, remove computer cover and take out cover panel of PCIe slot in which you want to put the card. Insert the card in **PCIe slot** and fix card bracket with screw. Make sure the card fit in PCIe slot tightly. Then put back computer cover.

> ATTENTION:
> - When turn off the computer, please do not touch the PC internal components especially the CUP and VGA chip, which has a high temperature with a risk of burns.
> - Please be sure to see the manual of PC and peripheral equipment.

2.2Connect signal cable to TBS6528

2.3 Insert the CAM to TBS6528

2.4 Check the CAM connection status

If in good connection, the indicator light will become bright.

3. Software Installation:

Before you begin, make sure your computer qualify the system requirements.

3.1 Install driver of TBS6528

1）Download the software of TBS6528fromwebsite:

http://www.tbsiptv.com/index.php?route=product/download

2）Uncompress the file "TBS6528 Windows Driver":
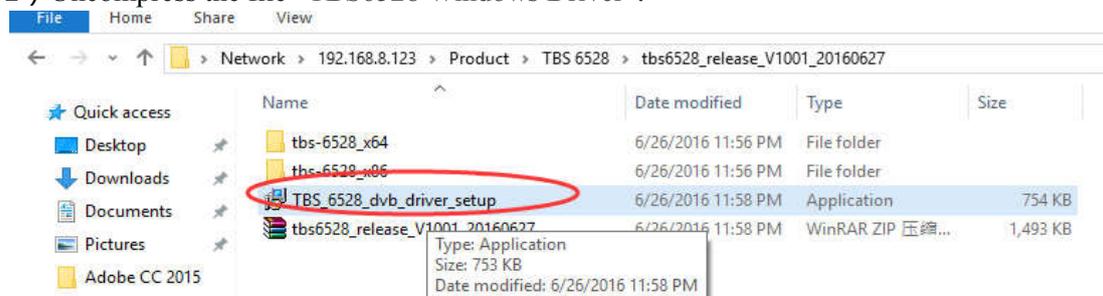
3）Click"TBS_6528_dvb_driver_setup"，and then a new window will pop up:

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4）Click **"Next"** ➤ **"Install"** ➤ **"Finish"** to complete installation
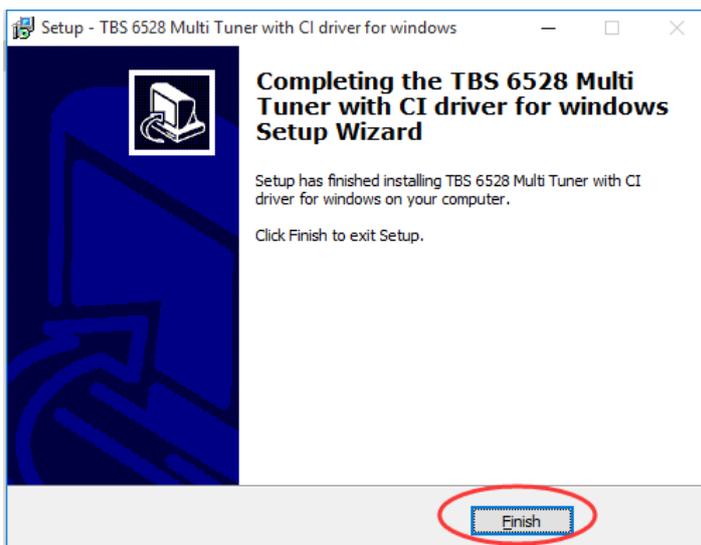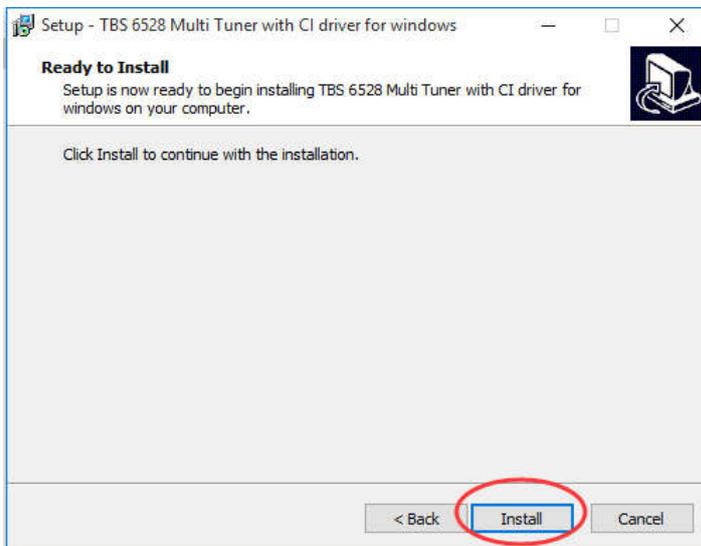
5）To verify if driver was correctly installed, choose "**My Computer**" , right click and choose "**System Properties**" to pop up "**System Properties**" windows, click "**Hardware**" → "**Device Manager**". Then click "+"in front of "**Sound, video and game controllers**". If you can see "**TBS6528 DVB BDA Tuners**" that means you do have installed driver correctly.
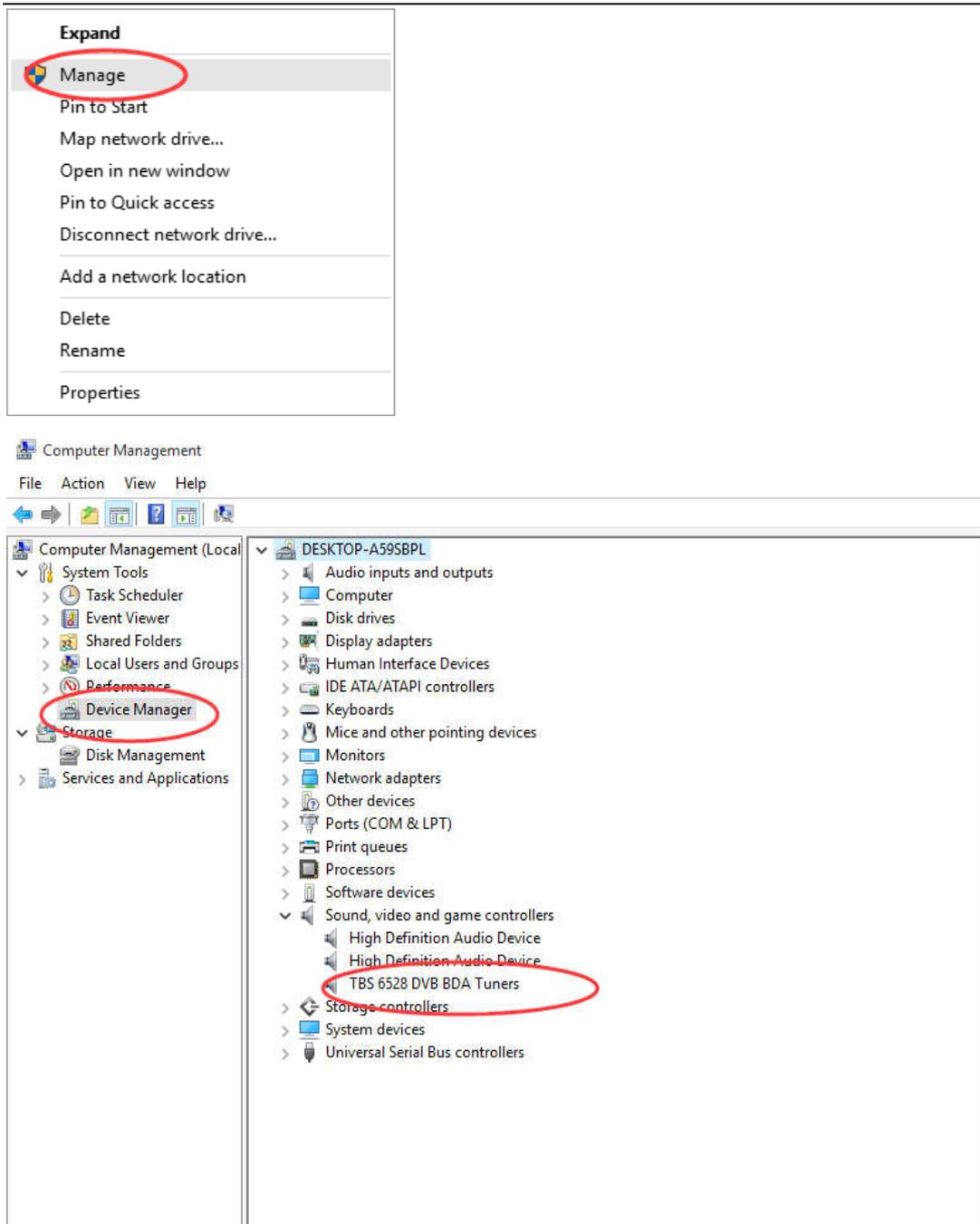
3.2 InstallChangeMode Tool

The default mode of TBS6528 is DVB-S/S2. You could use below tool to set other mode you want.

1) Download TBS6528ChangeMode tool from the website:
http://www.tbsiptv.com/downloads

2）Open the Change Mode Tool⟶ select mode⟶ click "write"
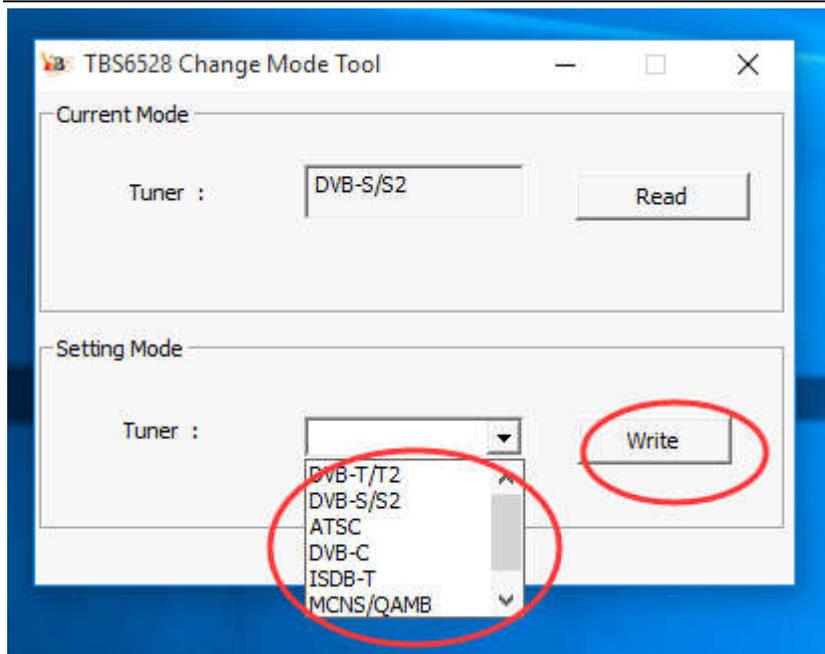
3) Remember to connect the corresponding antenna after you set a new mode.

3.3 Install the player software

To enjoy satellite TV on PC or record video, you still need to install player software and right set the search parameters.

TBS6528 is compatible with a lot of software like TBSViewer, DVBDream, ProgDVB, etc. Below is the website to download player software:

http://www.tbsiptv.com/index.php?route=product/download&path=6

For detailed installation instructions, see *Software Installation Instructions*.

4. Product Specification

ISDB-T	6,7 and 8 MHz bandwidth
	Partial reception supported
	Carrier recovery:±600 kHz
	Timing recovery:±200 ppm
DVB-T2 and T2-Lite	Bandwidth: 1.7, 5, 6, 7 or 8 MHz
	DVB-T2 versus DVB-T automatic detection
	Carrier recovery: ±600 kHz
	Timing recovery: ±200 ppm
DVB-T	Bandwidth: 6, 7, 8 MHz
	Carrier recovery: ±600 kHz
	Timing recovery: ±200 ppm
	Supports all C.R.; G.I.;LP and HP streams
	Advanced terrestrial channel equalizer
DVB-C2	Notch management
	Timing recovery:±200 ppm
	Advanced cable channel equalizer
DVB-C	DFE equalizer specific for cable network
	Carrier recovery: ±11% of Symbol rate
	Timing recovery: ±1000 ppm
DVB-S/S2/S2X	Enhanced immunity to co-channel interferers
	Programmable carrier recovery range
	Timing recovery: ±1000 ppm
Power consumption	Input/Power 12V/15W(Max)
	temperature 0°~ 60°
Other information:	
System Requirements	Windows XP / Vista/ 7/8/10, Linux
	Available PCI Express x1, x4, x8 or x16 slot
	Digital TV signal (DVB-S2/S/S2X /DVB-T2/T/DVB-C2/C/ISDB-T)
Dimension:	TV tuner card size: 140mm*93mm
	Net weight: 93g
	Gift Box Size:200*130*30mm
	Weight:191g