

# Cisco PDS1100 iDTA Adapter



## Eliminate AC Power/Mains Overloads

**WARNING: Avoid electric shock and fire hazard! Do not overload AC power/mains, outlets, extension cords, or integral convenience receptacles. For products that require battery power or other power sources to operate them, refer to the operating instructions for those products.**

## Handling Disposable Batteries

This product may contain disposable batteries. Heed the following warning and follow the Battery Safety and Battery Disposal instructions below.

**WARNING: There is danger of explosion if the battery is mishandled or incorrectly replaced. Replace only with the same type of battery. Do not disassemble it or attempt to recharge it outside the system. Do not crush, puncture, dispose of in fire, short the external contacts, or expose to water or other liquids. Dispose of the battery in accordance with local regulations and instructions from your service provider.**

## Battery Safety

- Insert batteries correctly. There may be a risk of explosion if the batteries are incorrectly inserted.
- Do not attempt to recharge 'disposable' or 'non-reusable' batteries.
- Please follow instructions provided for charging 'rechargeable' batteries.
- Replace batteries with the same or equivalent type that we recommend.
- Do not expose batteries to excessive heat (such as sunlight or fire).
- Do not expose batteries to temperatures above 100°C (212°F).

5

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the device and receiver
- Connect the device into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/television technician for help.

**Note:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

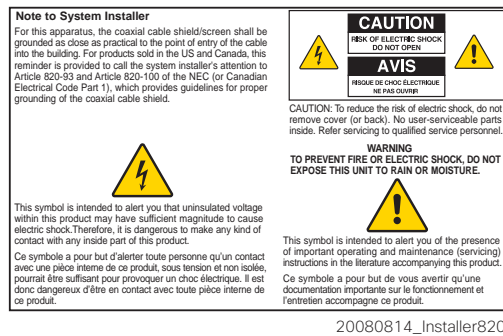
## Open Source GNU GPL Statement

Cisco PDS1100 iDTA Digital Transport Adapter contain(s), in part, certain free/open source software ("Free Software") under licenses which generally make the source code available for free copy, modification, and redistribution. Examples of such licenses include all the licenses sponsored by the Free Software Foundation (e.g. GNU General Public License (GPL), GNU Lesser General Public License (LGPL), Berkeley Software Distribution (BSD), the MIT licenses and different versions of the Mozilla and Apache licenses). To find additional information regarding the Free Software, including a copy of the applicable license and related information, please go to: (i) for North America [http://www.cisco.com/web/consumer/support/open\\_source.html](http://www.cisco.com/web/consumer/support/open_source.html), or (ii) for outside North America [http://www.cisco.com/web/consumer/support/open\\_source.html#-international](http://www.cisco.com/web/consumer/support/open_source.html#-international). Once at the site, search for the product listing and click on the related items identified. If you have any questions or problems accessing any of the links, please contact: [sptvg-external-opensource-requests@cisco.com](mailto:sptvg-external-opensource-requests@cisco.com).

9

## Notice for Installers

The servicing instructions in this notice are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions, unless you are qualified to do so.



2

## Battery Disposal

- The batteries may contain substances that could be harmful to the environment.
- Recycle or dispose of batteries in accordance with the battery manufacturer's instructions and local/national disposal and recycling regulations.
- The batteries may contain perchlorate, a known hazardous substance, so special handling and disposal of this product might be necessary. For more information about perchlorate and best management practices for perchlorate-containing substance, see [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)



## Provide Ventilation and Select a Location

- Remove all packaging material before applying power to the product.
- Do not place this apparatus on a bed, sofa, rug, or similar surface.
- Do not place this apparatus on an unstable surface.
- Do not install this apparatus in an enclosure, such as a bookcase or rack, unless the installation provides proper ventilation.
- Do not place entertainment devices (such as VCRs or DVDs), lamps, books, vases with liquids, or other objects on top of this product.
- Do not block ventilation openings.

## Operating Environment

This product is designed for operation indoors with a temperature range from 32° to 122 F (0° to 50° C). Each product should have adequate spacing on all sides so that the cooling air vents on the chassis are not blocked.

6

## Welcome

The Cisco® PDS1100 iDTA Digital Transport Adapter (PDS1100 iDTA) changes digital signals into signals you can view on an analog cable-ready TV. Use the instructions in this guide to install the adapter. The consumer support website provides news and information about this product. For more information, please refer to:

<http://www.cisco.com/web/consumer/support/index.html>

## Safety First

Before using this adapter, read the IMPORTANT SAFETY INSTRUCTIONS section in the safety sheet.

## Serial Number and MAC Address

Your service provider may ask for the serial number or the MAC address of the adapter if your system requires troubleshooting in the future.

Look for the serial number and the MAC address on the bottom of the adapter.

Write the serial number here: \_\_\_\_\_

Write the MAC address here: \_\_\_\_\_

10

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as a power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

3

## Protect from Exposure to Moisture and Foreign Objects

**WARNING: Avoid electric shock and fire hazard! Do not expose this product to dripping or splashing liquids, rain, or moisture. Objects filled with liquids, such as vases, should not be placed on this apparatus.**

**WARNING: Avoid electric shock and fire hazard! Unplug this product before cleaning. Do not use a liquid cleaner or an aerosol cleaner. Do not use a magnetic/static cleaning device (dust remover) to clean this product.**

**WARNING: Avoid electric shock and fire hazard! Never push objects through the openings in this product. Foreign objects can cause electrical shorts that can result in electric shock or fire.**

## Service Warnings

**WARNING: Avoid electric shock! Do not open the cover of this product. Opening or removing the cover may expose you to dangerous voltages. If you open the cover, your warranty will be void. This product contains no user-serviceable parts.**

## Check Product Safety

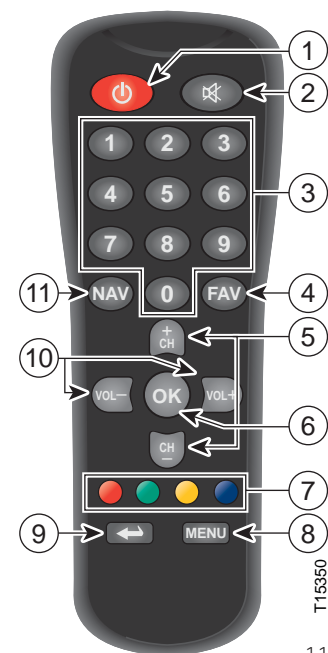
Upon completion of any service or repairs to this product, the service technician must perform safety checks to determine that this product is in proper operating condition.

7

## About the Remote Control

- 1 Power Power on and off
- 2 Mute Mute audio
- 3 0-9 Display specific channels
- 4 FAV Display the Favorites list
- 5 CH+/CH- Scroll through channels
- 6 OK Display the Favorites list
- 7 Red Reserved for future use
- Green Display the Options menu
- Yellow Display messages
- Blue Switch between TV/Radio channels
- 8 MENU Display the Services Portal
- 9 Exit Exit menus
- 10 VOL+/VOL- Adjust volume
- 11 NAV Display the Navigator bar

**Note:** This illustration may vary from the actual product.



11

## Power Source Warning

A label on this product indicates the correct power source for this product. Operate this product only from an electrical outlet with the voltage and frequency indicated on the product label. If you are uncertain of the type of power supply to your home or business, consult your service provider or your local power company.

The AC inlet on the unit must remain accessible and operable at all times.

## Ground the Product

**WARNING: Avoid electric shock and fire hazard! If this product connects to coaxial cable wiring, be sure the cable system is grounded (earthed). Grounding provides some protection against voltage surges and built-up static charges.**

**WARNING: Avoid electric shock and fire hazard! Do not locate an outside antenna system in the vicinity of overhead power lines or power circuits. Touching power lines or circuits might be fatal.**

This product may contain a tuner capable of receiving off-the-air broadcasts.

## Protect the Product from Lightning

In addition to disconnecting the AC power from the wall outlet, disconnect the signal inputs.

## Verify the Power Source from the On/Off Power Light

When the on/off power light is not illuminated, the apparatus may still be connected to the power source. The light may go out when the apparatus is turned off, regardless of whether it is still plugged into an AC power source.

4

## Protect the Product When Moving It

Always disconnect the power source when moving the apparatus or connecting or disconnecting cables.

20110316\_Cable\_Safety

Cisco PDS1100 iDTA Adapter  
Model: PDS1100  
Manufactured by:  
Cisco Systems, Inc.  
5030 Sugarloaf Parkway  
Lawrenceville, Georgia 30044 USA

## Notice to Consumers

The Cisco® PDS1100 Series Adapter receives digital signals from your service provider and delivers programs in standard definition.

Please read the safety instructions before connecting the adapter.

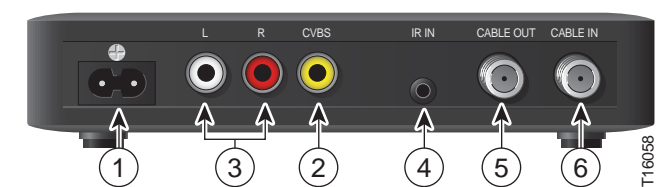
For PLUGGABLE EQUIPMENT, the socket-outlet shall be installed near the equipment and shall be easily accessible.

## FCC Notice

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

8

## Back Panel



- 1 Power Connects to power cord
- 2 CVBS Connects to the composite video input of the TV
- 3 R/L Connects to left/right audio inputs of the TV
- 4 IR In Connects the IR extension cable
- 5 TV Out Connects to the RF input of the TV
- 6 Cable In Connects to the coaxial cable that delivers the signal from your service provider

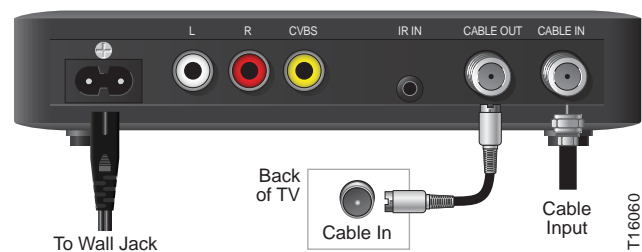
**Note:** This illustration may vary from the actual product.

12



## Connecting to a TV

**WARNING: Electric shock hazard! Unplug all electronic devices before connecting or disconnecting any device cables to the adapter.**



1. Unplug all electronic devices before connecting the adapter.
2. Connect the adapter to the coaxial cable coming in from the wall.
3. Connect an IEC cable from the adapter to your TV.
4. Plug the DC cord from the external power supply into the adapter.
5. Plug the adapter's external power supply and the TV into an AC power source.
6. If you purchased an approved IR Extender from your service provider, read and follow the installation instructions for the IR Extender. The IR Extender is an optional accessory.
7. Press the **POWER** key on the remote control.

**Note:** This illustration may vary from the actual product.

13

## Setup Wizard

The first time you turn on the adapter, the system begins the auto scan.

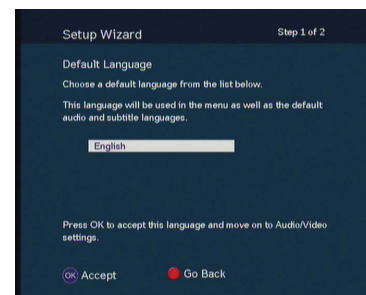
**Note:** Read and follow the Setup Wizard on-screen instructions.

When the auto scan completes, the Setup Wizard screen appears. From the Setup Wizard screen, you can select the default language and audio and video settings. Press **OK**.



14

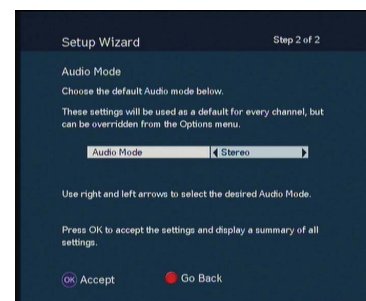
In the next Setup Wizard screen, you can select English as the language the adapter will use for audio and for menus and subtitles. Press **OK**.



In the next Setup Wizard screen, you can choose the audio mode the adapter will use for every channel.

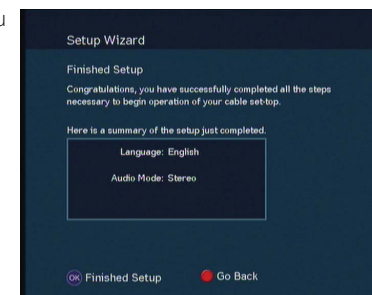
Press **VOL-** or **VOL+** to scroll through the audio options.

When the option you want to use is shown, press **OK**.



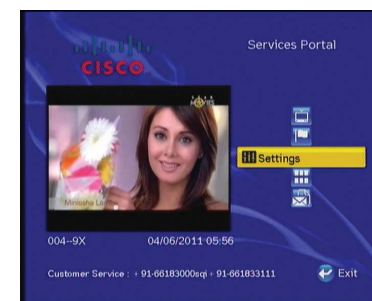
15

In the final Setup Wizard screen, you can confirm the settings you have selected. Press **OK**.



## Set Up Parental Control PIN

1. Press **Menu** to display the Services Portal screen.
2. Press **CH+** or **CH-** to highlight Settings.
3. Press **OK** to select Settings.

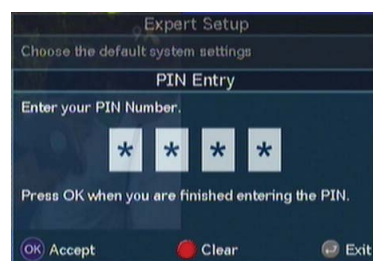


16

4. Press **CH-** four times to highlight Set Block PIN/Set PIN.
5. Press **OK** to select this setting.



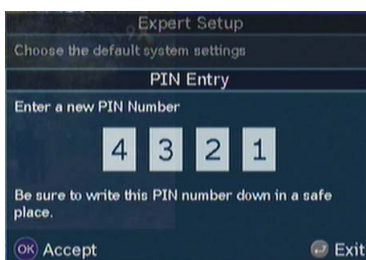
6. Press **4-3-2-1** to enter the default PIN.



7. Press **OK**.

8. Enter a four-digit number that is meaningful to you.
9. Press **OK**.
10. Press the **Exit** key twice to close the menus.

**Important:** Write down the PIN you chose in step 8. You will use the PIN to block and unblock TV programs or channels for viewing.

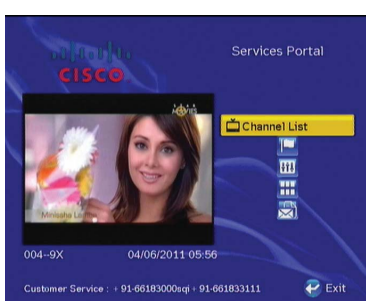


## Service Portal Options

Press **MENU** to display the Services Portal. From the Services Portal, press **CH+** and **CH-** to highlight a service, and then press **OK** to select the service. Follow on-screen instructions to use the service.

### Channel List

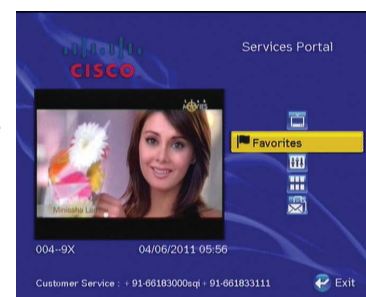
Lists all channels for you to scroll through and select a channel to watch.



18

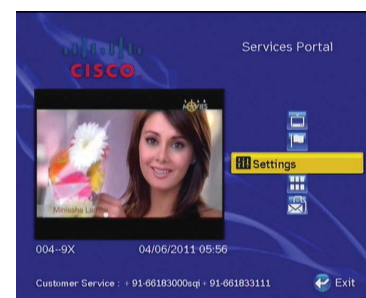
### Favorites

Displays the Favorites list. From the Favorites list, you can choose pre-defined bouquets/favorites and any bouquets/favorites that you have created.



### Settings

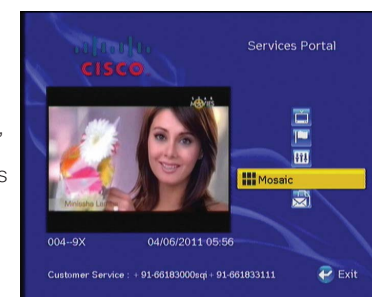
Lists default system settings for you to change.



19

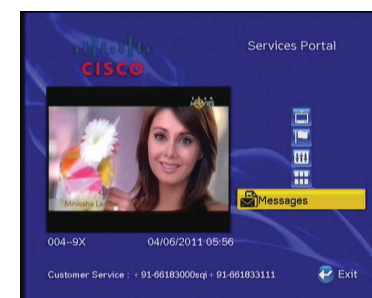
### Mosaic

Lists Mosaic channels (if supported by your service provider). A Mosaic channel displays four channels on the TV screen at once. For example, a Sports Pick mosaic channel would display four different sports channels at once.



### Messages

Displays messages sent to you by your service provider.



20

## Factory Settings

Selecting Factory Settings will reset your adapter to the default selections.

## Troubleshooting

If the adapter does not perform as expected, the following tips may help. If you need further assistance, contact your service provider.

### No Picture

- Plug the TV and adapter into an electrical outlet that has been verified to have power.
- Verify that all cables are properly connected.
- Verify that the Power to the TV is turned on.
- Verify that the TV is set to the proper input.

### No Color

- Verify that the current TV program is broadcast in color.
- Adjust the TV color controls.
- Verify that all cables are properly connected.

### No Sound

- Verify that the TV and adapter are properly connected to an electrical outlet.
- Verify that all cables are properly connected.
- Verify that the TV is set to the proper input.
- Verify that the volume is turned on for both the TV and the adapter.

21

## Disclaimer

Cisco Systems, Inc. assumes no responsibility for errors or omissions that may appear in this guide. We reserve the right to change this guide at any time without notice.

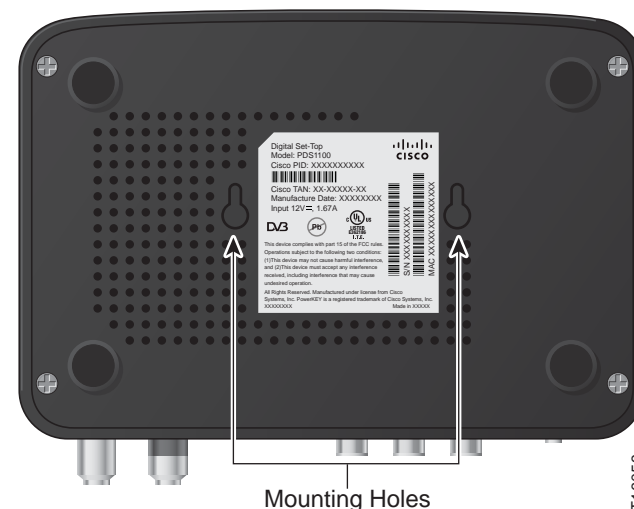
## Wall Mounting

Follow these steps to mount the adapter on a wall.

1. Secure two screws 98 millimeters (3.86 inches) apart into a wall, with the space between the underside of each screw head and the surface of the wall equal to 6.5 millimeters (1/4 inch).
2. Locate the mounting screw slots on the bottom of the adapter.
3. Hang the adapter on the screws.

**CAUTION: If you mount the adapter into drywall, you must secure the screws with two wall anchors. If you do not anchor the adapter properly, the cable connections could pull the adapter from the wall.**

22



**Note:** This illustration may vary from the actual product.

T16059

23

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: [www.cisco.com/go/trademarks](http://www.cisco.com/go/trademarks). Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

© 2013 Cisco and/or its affiliates. All rights reserved. Last Updated: July 2013

78-100200-01  
Printed in China