**Notice to Installers**

The schematic diagrams in this Notice are for use only by service personnel. Do not use this diagram to install the product unless you are qualified to perform the operation instructed. Unless you are qualified to perform the operation instructed, do not use this diagram to install the product.

**IMPORTANT SAFETY INSTRUCTIONS**

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 ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near 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 wider 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 not covered by the warranty will void the warranty.

**Battery Disposal**

Battery Disposal and Recycling Information

8) Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
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14. Refer all servicing to qualified service personnel. Servicing not covered by the warranty will void the warranty.

**Grounding**

A grounding or electrical system is a physical connection to earth, which is designed to provide a low-impedance path to ground for any abnormal or fault conditions. A grounding system may be comprised of one or more conductors and devices, such as a grounding electrode conductor, a conductor to the distribution system, or a combination of both. The grounding system should be designed to provide a low-impedance path to ground for any abnormal or fault conditions. A grounding system should be designed to provide a low-impedance path to ground for any abnormal or fault conditions.

**AC Power/Mains Overloads**

Eliminate AC Power/Mains Overloads

1. Do not use or allow others to use disposable or non-rechargeable batteries.
2. Do not replace batteries with the same or equivalent type that we recommend.

**Battery Safety and Battery Disposal**

Dispose of batteries. Heed the following warning and follow the Battery Safety and Battery Disposal instructions below.

1. Do not use batteries in a wet environment. Store batteries out of reach of children.
2. Do not use batteries near sources of heat or fire.
3. Do not use batteries near sources of heat or fire.
4. Do not use batteries near sources of heat or fire.
5. Do not use batteries near sources of heat or fire.
6. Do not use batteries near sources of heat or fire.
7. Do not use batteries near sources of heat or fire.
8. Do not use batteries near sources of heat or fire.
9. Do not use batteries near sources of heat or fire.
10. Do not use batteries near sources of heat or fire.

**Outdoor Grounding System**

If your building has its own grounding system, or if you are installing the unit in a building that has its own grounding system, you should be sure that the outdoor electrical system is properly connected to the building's grounding system. The grounding system should be designed to provide a low-impedance path to ground for any abnormal or fault conditions. A grounding system should be designed to provide a low-impedance path to ground for any abnormal or fault conditions.

**Service Warnings**

Service Warnings

1. Do not attempt to open the case of this product.
2. Do not attempt to remove the cover from this product.
3. Do not attempt to remove the cover from this product.
4. Do not attempt to remove the cover from this product.

**Declaration of Conformity**

Cisco Explorer 8700 Cable DVR Family Set-Top

**Cambridge EM Radiation**

The Cambridge EM Radiation is subject to the following two conditions: (a) the device must not cause harmful interference, and (b) the device must accept any interference received, including interference that may cause undesired operation.
Connecting to an HDTV with HDMI Input

1. Unplug all electronic devices before connecting the set-top.
2. Connect the set-top and TV to the HDMI input as shown in the diagram.
3. Connect the set-top to the coaxial cable coming from the wall.
4. Plug the TV into an AC power source.
5. Plug the set-top’s power cord into an AC power source.
6. For the TV to receive the signal, press the appropriate button on the remote control to select the audio/video inputs to which you have connected the set-top.
7. Press the POWER button on the remote control.

CDMA Link ™

Welcome

Connecting to an HDTV with HDMI Input

Front Panel

1. Power Turns the set-top on and off
2. Guide Accesses on-screen services, such as the on-screen guide, video-on-demand, or pay-per-view
3. Info Displays a description of the selected program. This button is available from the on-screen menu and while viewing a program
4. List Displays the recorded list
5. Exit Exit menus, the on-screen menu, and program information
6. USB 2.0 Connects to external USB equipment approved by your service provider, software controlled
7. Display Displays the selected channel number and time of day. The display shows the following:
   - Power
   - Moca™ Link
   - 480i / 480p
   - 5.1
7. Display Displays the selected channel number and time of day. The display shows:
   - Power
   - Moca™ Link
   - 480i / 480p
   - 5.1
8. Select Connects to the on-screen menu and program information
9. VOL- Decreases and increases the volume
10. CH- Scrolls up and down through the channels

Note: This illustration may vary from the actual product.

Safety and Performance Tip

Keep the top of the set-top free of all objects and electronic devices, including your TV.

Performance Tips

If the set-top does not perform as expected, the following tips may help.

No picture

- Verify that the power to your TV is turned on.
- If the set-top is plugged into a wall switch, verify the switch is in the ON position. (Avoid plugging into an outlet that is controlled by a wall switch.)
- Verify that all cables are properly connected.
- The current channel may not be available in your service package.
- Try selecting another channel to see if a picture appears.

No color

- Verify the current TV program is broadcast in color.
- Adjust the TV color controls.

Open Source GNU GPL Statement

Cisco Explorer 8700 Cable DVR Family set-tops 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 license 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: [ii] for America 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: sreng-open-source-requests@cisco.com.

Safety First

Before using this set-top read the IMPORTANT SAFETY INSTRUCTIONS section of this guide.

Avoid Screen Burn-In

Images such as letterbox bars or side bars, bright closed-captioning backgrounds, station logos, or any other stationary images may cause the TV screen to age unevenly and cause damage to your TV. Refer to the user guide that came with your TV for more information about screen burn-in.

Automatic Software Updates

A message appears on the TV screen when the set-top and the M-Card™ module are receiving software updates. In addition, download information also appears on the front panel of the set-top during these updates. Wait for the current time to display on the front panel before continuing. When the time appears, the update is complete.

Back of Set-Top

Connects to external Ethernet equipment approved by your service provider

Open Source GNU GPL Statement

Cisco Explorer 8700 Cable DVR Family set-tops 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 license 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: [ii] for America 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: sreng-open-source-requests@cisco.com.

Back of HDTV

Connects to display devices that are equipped with a 1394 input

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

Back Panel

1. Cable In Connects to a coaxial cable that delivers the signal from your service provider
2. Cable Out Connects to a coaxial cable that sends analog audio and video signals to a TV or VCR
3. Video Out Connects to the composite input on your TV
4. Audio Out Connects to RCA cables that send analog audio signals (left and right) to the stereo inputs on a TV
5. HDTV (YPbPr) Connects to the component input (YPbPr) on the HDTV
6. Optical Audio Out Connects to an optical cable that sends a digital audio signal to a surround-sound receiver or other digital audio device input
7. IR Remote Input Available to be connected to an approved remote IR receiver (purchased separately)
8. USB 2.0 Connects to external USB equipment approved by your service provider, software controlled
9. Ethernet Connects to external Ethernet equipment approved by your service provider
10. HDMI Connects an HDMI™ cable to the HDMI input of an HDTV. HDMI supports both digital audio and video. May be used to connect to a DVI interface using an HDMI-to-DVI adapter for video and separate audio connections. Any of the following audio connections may be used: Audio Out (4) or Optical Audio Out (8)
11. eSATA Connects to an external Serial ATA (eSATA) hard disk drive for expanded drive space. A connected eSATA drive is not an archival device. Ask your service provider for a list of approved hard drive models for use with the DVR
12. 1394 Connects to display devices that are equipped with a 1394 input
13. AC Power Input Connects to the power cord to deliver power to the set-top
14. Multi-Stream CableCARD Slot for Multi-Stream CableCARD™ module (M-Card), which decrypts subscription digital channels. This set-top will not operate correctly without an M-Card module, which is installed by your service provider

Note: This illustration may vary from the actual product.