

Configuration Guide

SMART Hub PE260



Product Registration

If you register your SMART product, we'll notify you of new features and software upgrades.

Register online at www.smarttech.com/registration.

Keep the following information available, in case you need to contact Technical Support:

Serial Number:	
D-4	
Date of Purchase: _	

FCC Warning

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instructions., may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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08/2008

Important Information

IMPORTANT



SMART Technologies frequently updates this document to provide accurate support. For the most recent version of this document, see <u>document 127260</u> on the SMART technical support website.

Record information about your SMART Hub's installation on this page, and then store the guide in a place where it can be easily accessed. SMART Technical Support requires this information to provide you with appropriate assistance.

SMART Hub PE260

Network Name/ Collaboration ID	
Room/Location Name	
Hardware Serial Number	
Software Activation Key	
Bridgit™ Software Server URL	
SMTP Mail Server URL	

Connected Projectors and Displays

No.	Manufacturer	Model	Hardware Serial Number	
1				
2				
3				
4				

Connected SMART Interactive Products

No. Model		Hardware Serial Number		
1				
2				
3				
4				

Warnings and Cautions

WARNING



Failure to follow the installation instructions shipped with the SMART Hub PE260 could result in personal injury and damage to the product.

WARNING



Ensure that any cables extending across the floor to the SMART Hub PE260 are properly bundled and marked to avoid a trip hazard.

WARNING



Make sure an electrical socket is near the SMART Hub PE260 and remains easily accessible during use.

WARNING



To reduce the risk of fire or electric shock, do not expose the SMART Hub PE260 to rain or moisture.

CAUTION



Install the SMART Hub in a well ventilated area to allow proper cooling.

CAUTION



Do not open or disassemble the SMART Hub PE260. Opening the casing voids your warranty.

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About the SMART Hub PE260

The SMART Hub PE260 allows you to use up to four SMART interactive products, such as SMART Board™ interactive whiteboards, Sympodium™ interactive pen displays and Actalyst™ interactive overlays, without a computer.

IMPORTANT



If you intend to use your SMART Hub with two or more SMART Board interactive display frames, do not place the interactive display frames side by side. The pens may interfere with each other.

The SMART Hub PE260 includes SMART Meeting Pro software. This software allows you to create interactive meetings in which you can use your SMART interactive products as whiteboards to present information, write notes and brainstorm. If you have access to a Bridgit software server, others in remote locations with a SMART Hub, SMART Meeting Pro or a Bridgit software client can participate in your meetings.

The SMART Hub PE260 also includes viewers that allow you to open and view common Microsoft® Office file formats:

- Microsoft Word 2003 (.doc) and 2007 (.docx)
- Microsoft Excel® 2003 (.xls) and 2007 (.xslx)
- Microsoft PowerPoint® 2003 (.ppt)

This guide is for system administrators with extensive knowledge of configuring Windows® operating systems. Please refer this guide to the individual or department in your organization responsible for IT setup and operations.

Configuring the SMART Hub PE260

This chapter explains how to configure your SMART Hub after mounting and connecting it as instructed in the SMART Hub PE260 Textless Installation Guide (document 127261).

Before Configuring the SMART Hub PE260

Complete the steps below before configuring your SMART Hub:

- 1. If you're connecting your SMART Hub to two, three or four projectors or displays, purchase an activation key for multiple projectors or displays from SMART Technologies.
- 2. Locate the serial number on your SMART Hub, and record it on the first page of this guide or another safe place.
 - If you need to contact SMART Technical Support regarding an issue with your SMART Hub, the representative may ask for the serial number.
- 3. Mount and connect your SMART Hub as instructed in the SMART Hub PE260 Textless Installation Guide (document 127261).
- 4. Connect the SMART Hub to a network with Internet access.

NOTE: Several steps in this guide require you to type text. You can do this by connecting a keyboard to the PS/2 or USB connectors on your SMART Hub, or by pressing the keyboard button in the user interface or on your SMART interactive product's pen tray to open SMART Keyboard.

Getting Started

After completing the previous steps, you can turn on your SMART Hub and log on as Administrator in **Configuration** mode.

To get started

- 1. Turn on all projectors and displays connected to your SMART Hub.
- 2. Press the **Power** button on the front of your SMART Hub.

Your SMART Hub completes its startup sequence, and a log on dialog box appears.

- 3. In the User name box, type Administrator.
- 4. In the Password box, type RandomPwd.

NOTE: Passwords are case sensitive.

5. Press OK.

The SMART Hub PE260 End License User Agreement dialog box appears.

- Read the license agreement, and then press **Accept**.
 Whiteboard, the Welcome Center and the *SMART Configuration Tools* dialog box appear.
- 7. Close the Welcome Center.

Understanding User and Configuration Modes

Your SMART Hub has two modes: **User** and **Configuration**. In the previous procedure, you turned on your SMART Hub and logged on as Administrator in **Configuration** mode.

The key difference between **User** and **Configuration** modes is that File Based Write Filter (FBWF) is on in **User** mode but off in **Configuration** mode. When FBWF is on, your SMART Hub saves configuration changes to RAM rather than the hard disk. Therefore, you must make configuration changes in **Configuration** mode rather than **User** mode.

IMPORTANT



Because the SMART Hub PE260 is a collaboration appliance rather than a computer, it does not save any changes users make while in **User** mode after the unit turns off or restarts. (Your SMART Hub restarts every day at midnight. See page 14 for details.)

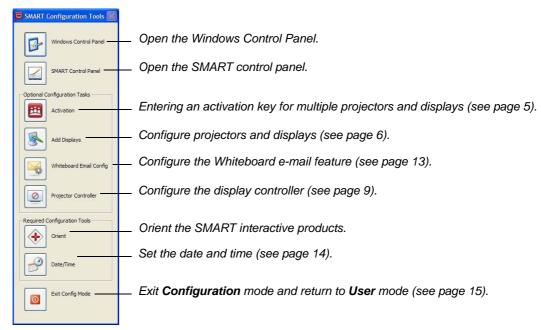
There are three ways to determine if you're in **Configuration** mode:

- The login dialog box appears when you turn on your SMART Hub.
- The SMART Configuration Tools dialog box appears after you log on.
- In the Welcome Center, the button to the right of the **Orient** button is labelled **Exit Configuration Mode** rather than **Enter Configuration Mode**.

Using the SMART Configuration Tools

The *SMART Configuration Tools* dialog box appears on the display when you're in **Configuration** mode.

Press the buttons in this dialog box to open the Windows Control Panel, SMART control panel and related tools for configuring and administering your SMART Hub.



NOTES

- The SMART Configuration Tools dialog box only appears in Configuration mode.
- The SMART Configuration Tools dialog box appears above other windows and dialog boxes and can't be closed, so that you always have access to the configuration tools.
- If you close the *SMART Configuration Tools* dialog box by mistake, it reappears automatically.

Entering the Activation Key for Multiple Projectors and Displays

Your SMART Hub supports one projector or display by default but can support up to four projectors or displays.

If you've connected more than one projector or display to your SMART Hub, enter the activation key for multiple projectors or displays that you purchased from SMART Technologies in the SMART Software Activation: Meeting Pro dialog box.

To enter the activation key

In the SMART Configuration Tools dialog box, press Activation.
 The SMART Software Activation: Meeting Pro dialog box appears.



- 2. In the **Product Key** box, enter the activation key.
- 3. Press Next.
- 4. Select the Activate automatically option.
- 5. Press Next.
- 6. Press Finish.

Configuring the Projectors and Displays

The next step in the configuration process is to configure the projectors and displays. If you've connected multiple projectors and displays, configure each one, and then arrange the projector's and display's outputs to represent the actual configuration of your room.

To configure the projectors and displays

1. In the SMART Configuration Tools dialog box, press Add Displays.

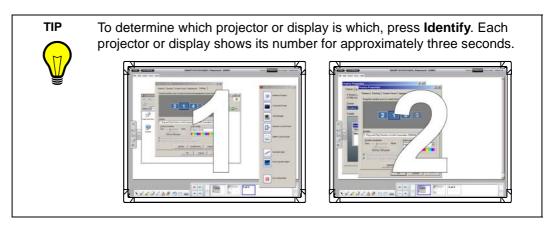


IMPORTANT

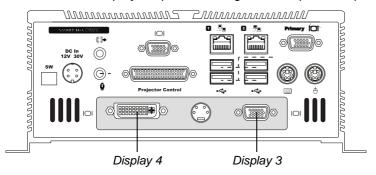


If the *Display Properties* dialog box does not include an icon for each of the projectors or displays connected to your SMART Hub, reconnect the projectors or displays and then restart your SMART Hub.

- 2. Move the **Screen resolution** slider to the left or right to change the resolution.
- 3. Select the appropriate value in the Color quality list.
- 4. If you've connected your SMART Hub to more than one projector or display, press the icon that represents the next projector or display, select the Extend my Windows desktop onto this monitor check box, and then repeat steps 2 to 3.



NOTE: If the projector or display connected to the third or fourth video output connector is disabled in the *Display Properties* dialog box, complete the procedure below.



- 5. If you've connected your SMART Hub to more than one projector or display, rearrange the icons to represent the actual configuration of your room.
- 6. Press **Apply**, and then close the *Display Properties* dialog box.

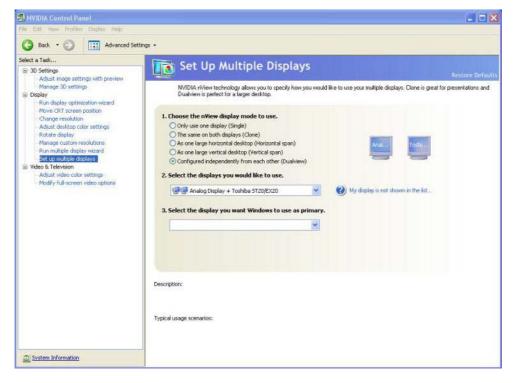
To configure the third or fourth projector or display

1. Complete steps 1 to 4 in the previous procedure, select the third or fourth display's icon, and then press **Advanced**.

The Default Monitor and NVIDIA GeForce FX 5200 Properties dialog box appears.

- Press the GeForce FX 5200 tab, and then press Start the NVIDIA Control Panel.
 The NVIDIA Control Panel window appears.
- 3. In the Select a Task frame, select Display > Set up multiple displays.
- 4. Select the Configured independently from each other (Dualview) option button.
- Select the display types you want to use in the Select the displays you would like to use drop-down list.

Select a display type that does not include a TV component.



- 6. Press Apply.
- 7. Close the NVIDIA Control Panel window and Default Monitor and NVIDIA GeForce FX 5200 Properties dialog box.

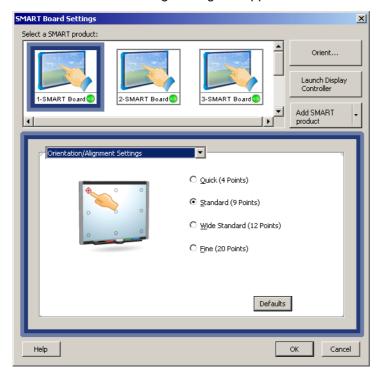
Configuring the SMART Interactive Products

After configuring the projectors and displays, configure the SMART interactive products.

To configure the SMART Interactive Products

- In the SMART Configuration Tools dialog box, press SMART Control Panel.
 The SMART control panel appears.
- 2. Press SMART Board Settings.

The SMART Board Settings dialog box appears.



3. Ensure all interactive products connected to your SMART Hub appear in the **Select a SMART product** list.

If an interactive product doesn't appear in the **Select a SMART product** list and its status light is red, disconnect and then reconnect the USB cable from your SMART Hub to the interactive product. If the interactive product doesn't appear in the list and its status light remains red, contact SMART Technical Support for assistance.

- 4. In the **Select a SMART product** list, select the first interactive product.
- 5. Configure the interactive product using the dialog box's controls.
 - For information on these controls, press **Help**.
- 6. Press **Orient**, and then orient the interactive product.
 - **NOTE:** If the orientation screen doesn't appear on the correct display, press SPACEBAR on the keyboard or the two buttons on the pen tray to move the screen.
- 7. Repeat steps 4 to 6 for each of the remaining interactive products.
- 8. Close the SMART Board Settings dialog box.

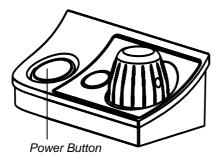
Configuring the Display Controller

The display controller allows you to centrally control projectors and displays connected to your SMART Hub. With the display controller, you can:

Specify a period of inactivity before each projector or display enters standby mode.

NOTE: The default period is five minutes.

• If your SMART interactive product includes a control module, turn on all projectors or displays by pressing the **Power** button on the control module.



NOTE: Pressing the **Power** button on the control module turns on the projectors and displays connected to your SMART Hub. It doesn't turn on your SMART Hub itself.

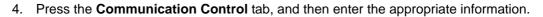
To use the display controller, connect your SMART Hub to the projectors or displays with the RS-232 connectors as instructed in the *SMART Hub PE260 Textless Installation Guide* (document 127261).

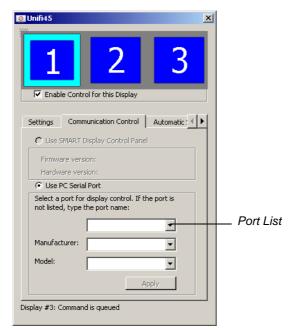
To configure the display controller

- In the SMART Configuration Tools dialog box, press Projector Controller.
 The display controller dialog box appears.
- 2. Press the icon labeled 1.

NOTE: This icon represents the first projector or display connected to your SMART Hub.

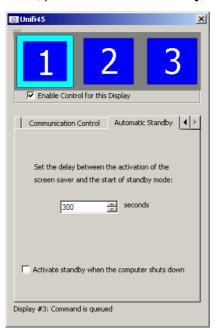
3. Select the Enable Control for this Display check box.





Control	Action			
Port	Select the COM port for the projector or display.			
	NOTE: Use the correct COM port for the RS-232 cable that connects your SMART Hub to the projector or display:			
	Projector or display: 1			
	Projector or display: 2			
	Projector or display: 3			
	Projector or display: 4			
Manufacturer	Select the manufacturer of the projector or display (for example, SMART).			
Model	Select the model of the projector or display (for example, Unifi45).			

5. If you want to change the period of inactivity before the projector or display enters standby mode, press **Automatic Standby**, and then enter the appropriate information.



Control	Action	
seconds	Type the number of seconds of inactivity before the projector or display enters standby mode.	
Activate standby when the computer shuts down	Select this check box to start standby mode when your SMART Hub shuts down.	

- 6. Repeat steps 2 to 5 for each of the remaining projectors or displays.
- 7. Close the display controller dialog box.

NOTE: During this procedure, a *Windows Security Alert* dialog box may appear. Press **Unblock** to close this dialog box.

Configuring Networking Features

Your SMART Hub's network features allow you to:

- Save and open Whiteboard files on network shares that do not require a logon.
- E-mail Whiteboard files.
- Create an online collaborative conference (or "meeting") every time you start a new session. Other users in other locations can join and contribute to the meeting.

IMPORTANT



To use the collaboration feature in the SMART Hub PE260, you need access to a Bridgit software server.

To use these features, you need to complete the following configuration procedures:

- 1. Configure the collaboration feature.
- 2. Prevent the Password Required dialog box from appearing when logged on as SmartUser.
- 3. Configure the e-mail feature.

To configure the collaboration feature

- In the SMART Configuration Tools dialog box, press SMART Control Panel.
 The SMART control panel appears.
- 2. Press Collaboration Settings.

The Collaboration Settings dialog box appears.

- 3. In the **Room or meeting name** box, type the name of your SMART Hub or the room in which it is located.
- 4. In the Conference server address box, type the URL of the Bridgit software server.
- 5. Press OK.

A message appears, stating that your SMART Hub will end the current meeting and start a new meeting.

6. Press OK.

A message appears, asking if you want to participate in the SMART customer feedback program.

7. Press Yes or No.

If the Bridgit software server requires a password to create meetings, the *Password Required* dialog box appears.

8. Type the password for creating meetings in the **Creation Password** box, select the **Remember Password** check box, and then press **OK**.

You've entered and saved the password for creating meetings.

The *Password Required* dialog box no longer appears when you are logged on as Administrator. However, it appears when you are logged on as the default user (SmartUser).

To prevent the *Password Required* dialog box from appearing when logged on as SmartUser

- 1. Press the **Power** button on the front of you SMART Hub to turn off the unit.
- 2. Press the **Power** button to turn on the unit.

Your SMART Hub completes its startup sequence, and a log on dialog box appears.

- 3. In the User name box, type SmartUser.
- 4. In the Password box, type hubpe260.

NOTE: Passwords are case sensitive.

5. Press OK.

A warning message appears, asking you to log on as an administrator.

6. Move the warning message aside and do not press **OK**.

The Password Required dialog box appears.

7. Type the password for creating meetings in the **Creation Password** box, select the **Remember Password** check box, and then press **OK**.

You've entered and saved the password for creating meetings.

- 8. In the warning message, press **OK**.
- 9. Log on as Administrator (password: RandomPwd).

To configure the e-mail feature

In the SMART Configuration Tools dialog box, press Whiteboard Email Config.
 The Whiteboard Email Settings dialog box appears.



- 2. In the **From** box, type the "from" e-mail address (for example, boardroom@yourcompany.com).
- 3. In the **SMTP Mail Server** box, type the URL of the e-mail server (for example, mail.yourcompany.com).
- 4. Press OK.

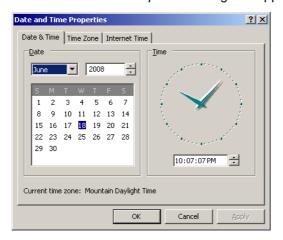
Setting the Date and Time

Your SMART Hub restarts every day at midnight. Therefore, it is important to set the date and time.

To set the date and time

1. In the SMART Configuration Tools dialog box, press Date/Time.

The Date and Time Properties dialog box appears.



- 2. In the Date & Time tab, set the date and time.
- 3. In the **Time Zone** tab, select the time zone.
- 4. In the **Internet Time** tab, select an Internet time server if you want to synchronize your SMART Hub with the time server and are connected to a network with Internet access.
- 5. Press OK.

Installing Printers

If you install printers on your SMART Hub, users can print Whiteboard, Microsoft Word, Microsoft Excel and Microsoft PowerPoint files.

IMPORTANT



If you're installing a local printer (in other words, a printer connected directly to your SMART Hub), ensure Windows XP Embedded can automatically recognize the printer and has drivers for it.

To install a printer

- In the SMART Configuration Tools dialog box, press Windows Control Panel.
 The Windows Control Panel appears.
- 2. Double-press Printers and Faxes.

The *Printers and Faxes* window appears.

3. Double-press Add Printer.

The Add Printer wizard appears.



4. Follow the instructions in the wizard to install the printer.

Switching to User Mode

After completing all procedures in this chapter, switch from **Configuration** mode to **User** mode so that your organization's users can begin using the SMART Hub PE260.

To switch to User mode

1. Press **Home** to open the Welcome Center and then press **Exit Configuration Mode**.

OR

In the SMART Configuration Tools dialog box, press Exit Config Mode.

A warning message appears, stating that your SMART Hub must restart to enter **User** mode.

2. Press Yes.

Your SMART Hub restarts, and the Welcome Center appears.

Updating the SMART Hub PE260's Software

SMART Technologies periodically releases updates to your SMART Hub's software. Some updates address issues with the software, and SMART provides these updates for free. Other updates introduce new features or enhance existing features, and SMART provides these updates for a fee.

This chapter explains how to download and install updates to your SMART Hub's software.

To update the SMART Hub PE260's software

- 1. On a computer with Internet access, download the latest software update from www.smarttech.com/support to a USB storage device.
- 2. Turn on your SMART Hub and switch to Configuration mode.

IMPORTANT



You can't update your SMART Hub in User mode (see page 4).

- 3. Connect the USB storage device to your SMART Hub.
- 4. Navigate to the location on the USB storage device where you saved the latest software update's file, and then double-press it.

The software update wizard appears.

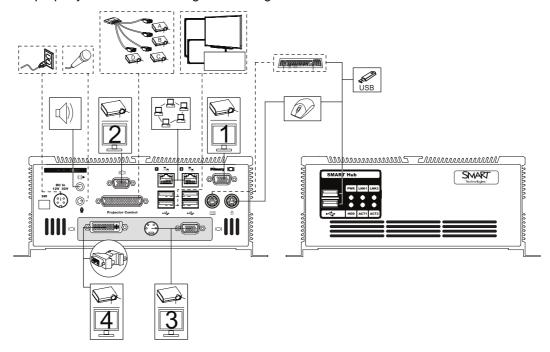
5. Follow the instructions in the wizard to update your SMART Hub's software.

Troubleshooting

If your SMART Hub, SMART interactive products or projectors or displays are not working properly, complete the following procedure to troubleshoot them.

To troubleshoot your SMART Hub and connected products

- 1. Check the status indicator lights of the projectors or displays and interactive products connected to your SMART Hub.
 - See those products' user guides for information on their status indicators and the appropriate actions to take for each status.
- 2. Check the cables between your SMART Hub and connected products. Ensure the cables are properly connected and in good working condition.



NOTE: If you're extending a USB cable connection between your SMART Hub and an interactive product, ensure your solution is compliant with <u>document 99641</u>.

- 3. If you're experiencing a problem with touch or digital ink (in other words, when you touch an interactive product's surface with your finger, a pen or an eraser, it doesn't respond or responds incorrectly), orient the effected SMART products. See page 8.
- 4. If you're experiencing a problem with display (in other words, a projector or display isn't showing an image or is showing a distorted image), complete the setup procedure for the effected projector or display. See page 6.

NOTE: If you're experiencing a problem with the projector or display connected to video connector 4 (see the previous diagram), complete the procedure in <u>document 127914</u>.

- 5. If the issue appears to be with a single projector, display or interactive product, disconnect the product from your SMART Hub and connect it to a computer with SMART interactive software and drivers to verify that the issue is with the product and not with your SMART Hub.
- 6. If you're unable to resolve the issue, contact SMART Technical Support for assistance. See page 23.

Record the serial number of your SMART Hub and the manufacturers, models, and serial numbers of the connected products and record them on the first page of this guide. The SMART Technical Support representative may ask you for this information.

Regulatory Compliance

Waste Electrical and Electronic Equipment Regulations

Waste Electrical and Electronic Equipment regulations apply to all electrical and electronic equipment sold within the European Union.

When you dispose of any electrical or electronic equipment, including SMART products, we strongly encourage you to contact your local WEEE recycling agency for recycling and disposal advice.

Your SMART product required the extraction and use of natural resources for its production. It may contain hazardous substances. By disposing of electrical and electronic equipment appropriately, you lower the impact of these substances upon health and the environment and reduce the pressure on natural resources. Recycling agencies can reuse or recycle most of the materials from your product.

Please think about how you intend to dispose of any product that has a WEEE symbol or accompanying WEEE guidelines.



If you need more information on the collection, reuse and recycling of electrical and electronic equipment, please contact your local WEEE recycling agency.

Alternatively, contact your local reseller or SMART Technologies for information on the environmental performance of our products.

Restriction of Certain Hazardous Substances (RoHS) Directives

SMART Technologies supports global efforts to ensure that electronic equipment is manufactured, sold and disposed of in a safe and environmentally friendly manner.

This product meets the requirements of the European Union's Restriction of Certain Hazardous Substances (RoHS) Directive 2002/95/EC, as well as the People's Republic of China's Control of Pollution Caused by Electronic Information Products (China RoHS).

Subsequently, this product also complies with other, less stringent directives that have arisen in various geographical areas, and that incorporate the European Union's RoHS directive as a basis.

For more information, refer to your local regulations or visit www.smarttech.com.

Customer Support

Online Support

Visit <u>www.smarttech.com/support</u> to view and download user's guides, "how-to" and troubleshooting articles, software and more.

Training

Visit <u>www.smarttech.com/trainingcenter</u> for training materials and information about our training services.

Contacting SMART Technical Support

SMART Technical Support welcomes your call. However, if you experience difficulty with your SMART product, you may want to contact your local reseller first. Your local reseller may be able to resolve the issue without delay.

All SMART products include online, telephone, fax and e-mail support:

Online: <u>www.smarttech.com/contactsupport</u>

Telephone: +1.403.228.5940 or

Toll Free 1.866.518.6791 (U.S./Canada)

(Monday to Friday, 5 a.m. – 6 p.m. Mountain Time)

Fax: +1.403.806.1256

E-mail: support@smarttech.com

General Inquiries

Address: SMART Technologies

1207 – 11 Ave SW, Suite 300 Calgary, AB T3C 0M5

CANADA

Switchboard: +1.403.245.0333 or

Toll Free 1.888.42.SMART (U.S./Canada)

Fax: +1.403.228.2500

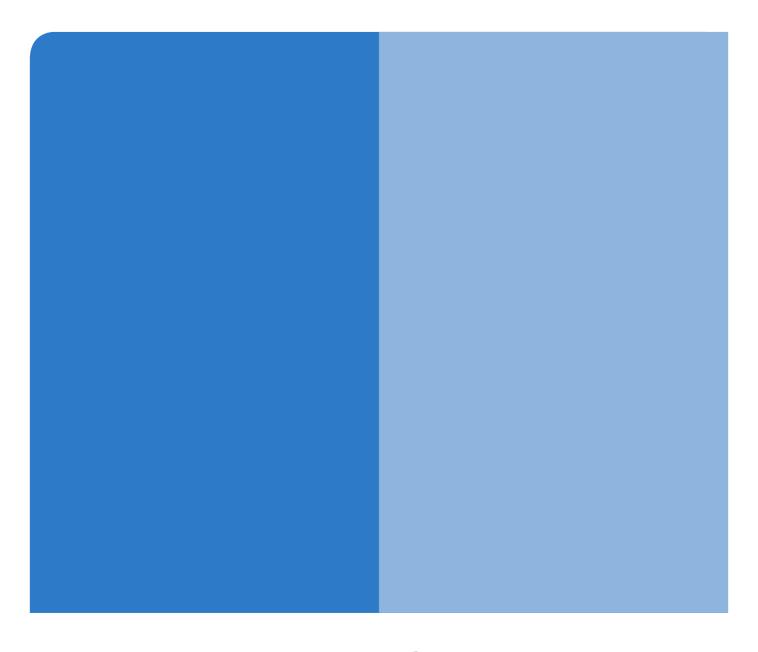
E-mail: info@smarttech.com

Warranty

Product warranty is governed by the terms and conditions of SMART's "Limited Equipment Warranty" that shipped with the SMART product at the time of purchase.

Registration

To help us serve you, register online at www.smarttech.com/registration.





SMART Technologies

1207 – 11 Avenue SW, Suite 300

Calgary, AB T3C 0M5

CANADA

www.smarttech.com/support

wwww.smarttech.com/contactsupport

Support +1.403.228.5940 or Toll Free 1.866.518.6791

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