



Spider™ View User Guide

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Disclaimer & Revisions

The information in this guide may change without notice. The manufacturer assumes no responsibility for any errors that may appear in this guide.

For the latest revision of this product document, please check our online documentation at <https://www.lantronix.com/support/documentation.html>.

Revision History

Date	Rev.	Comments
March 2007	A	Initial Document
May 2009	B	Updates for Spider v2.2 release
September 2013	C	Updated product name and trademark information.
January 2023	D	Updated for Spider View firmware 2.0 release.

Contents

Introduction	4
Installation	4
Finding, Configuring, and Organizing Spider Devices	4
Accessing Spider Devices	6
Using Spider Devices	7
Logging Out	8
Technical Support	9
Appendix A: Troubleshooting	9

Introduction

The Lantronix® Spider™ View product is a Windows®-based application designed to facilitate the management of multiple Lantronix® Spider™ devices.

From your PC, you can:

- ◆ add Spider devices automatically within the local subnet, or manually add Spider devices outside the local subnet
- ◆ give Spider devices user-friendly names
- ◆ organize Spider devices into groups
- ◆ manage Spider settings
- ◆ launch Remote Console (KVM Console) windows

Note: *The terms “Remote Console” and “KVM Console” are synonymous and used interchangeably throughout this document and the Spider View application.*


Installation

Spider View is a standalone application requiring installation on the client system. Spider View is supported on systems running Microsoft Windows® 10, Windows 8, or Windows 7. The system requirements are: 500MHz CPU, 64MB available RAM, 10MB free disk space.

1. Follow the prompts during installation.
2. When prompted, accept the license agreement.
3. Select the folder for the software installation location and the shortcuts required.
4. To run Spider View, double-click the Spider View icon or select the utility from the Start Menu.

Finding, Configuring, and Organizing Spider Devices


Spider View can automatically find all Spider devices residing on the same subnet as the client system. Other Spider devices may be manually added via their IP addresses.

1. Select **Configuration > Find New Devices** or click the  icon. Newly found Spider devices are listed under the Unconfigured Devices group, listed by their MAC addresses.
2. Right-click on a Spider and select **Change Connection Settings**. The Device Configuration window displays.

3. Edit the following fields as needed:




- ◆ Device Name
- ◆ Network Address
- ◆ Authentication Port
- ◆ Connection Type (checked = HTTPS; unchecked = HTTP)
- ◆ Username and Password
 - Note:** The factory default username is *sysadmin*. The default password is *PASS*.
- ◆ Connection Mode (not applicable to devices running firmware 5.0.0.0 or newer)




Click **OK** to save your changes; click **Cancel** to keep previous configuration settings.

4. To manually add a Spider device, select **Devices > New Device** or click the  icon. Provide the device's **Network Address** and enter the other parameters as described in step 3. An error occurs if the IP address is not accessible.
5. Newly configured Spider devices display under the New Devices group, listed by Device Name. To add a new group, select **Groups > New Group** or right-click an existing group and select **New Group**. Right-click a group to rename or delete. Select a specific Spider and drag it to the desired group.
6. To configure an individual Spider device, right-click the device and select **Configure Device (Website)**. This launches a browser window for Spider access via HTTPS. For more information on web configuration, refer to the *Spider User Guide*.
7. (Optional) To set global Spider View default connection options, select **Configuration > Options** to open the **Spider View Options** window. Select the **Connection Mode** from the pull-down menu best suited for your network connection. Select a **Painting** quality type from the pull-down menu based on the speed of the client workstation and the available network bandwidth. Select an option under **Observation Window Click Behavior** to define the operation performed when clicking on a remote server window within the Observation Window. For more information on Remote Console configuration, refer to the *Spider User Guide*.

Accessing Spider Devices

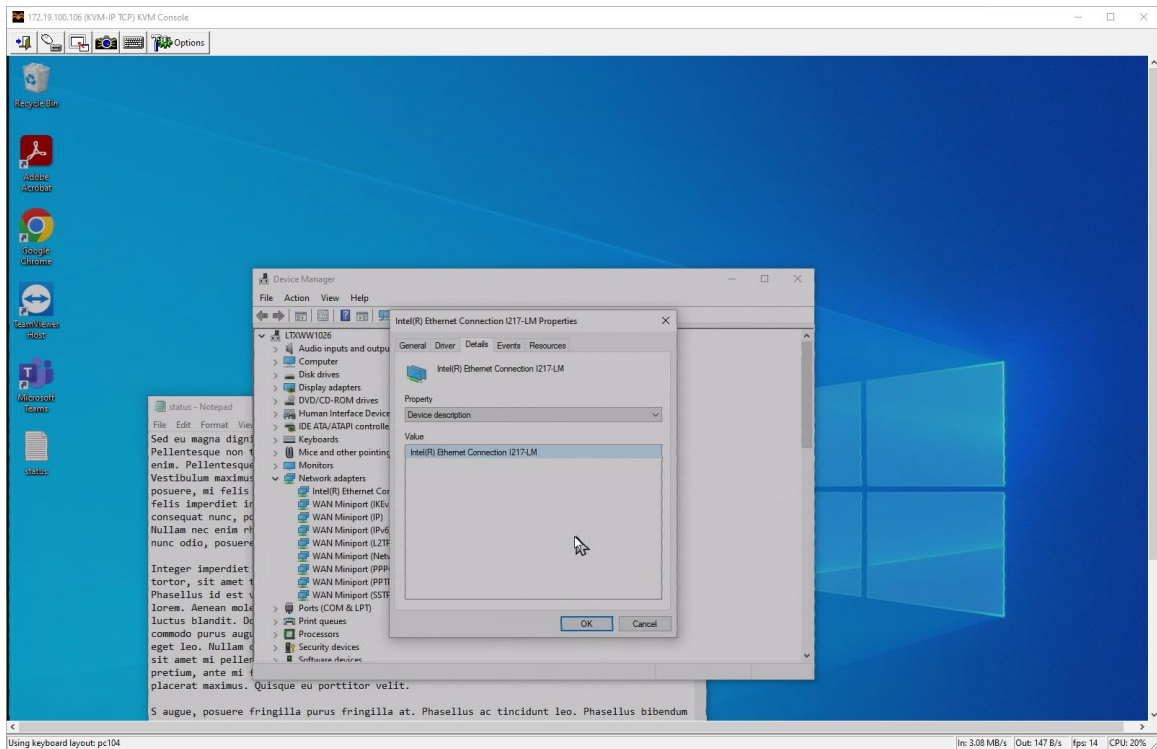
Spider Remote Console windows may be launched in the Spider View Observation Window, an individual window, or both. In addition to individual Remote Console windows, Spider View also provides an Observation Window where several Spider Remote Console windows can be viewed, allowing easy interaction with multiple remote target systems.

A computer icon with a green display  indicates the Spider device is currently connected. A yellow display  indicates the device is negotiating a connection. A red display  indicates the device is not connected.





1. To connect a Spider Remote Console in the Observation Window: right-click the desired Spider device and select **Connect in Observation Window**. Alternatively, select the Spider and click the  icon.
2. To connect all Spider devices in a group: right click the group and select **Connect All Devices**. Alternatively, select the group and click the  icon. The stored username and password for each Spider must be valid for a successful connection attempt.
3. To connect a Spider Remote Console in its own window: right-click the device and select **Connect in Extra Window**. Alternatively, select the device and click the  icon. To use non-default settings when connecting, select **Connect in Extra Window (Advanced)**. Modify the **Connection Options**, **Display Options**, and **Preferences** as necessary.




The Observation Window is useful for monitoring multiple remote systems rather than interacting with them because the windows' sizes decrease with the number of connected Spider devices. Standard **Click Behavior** allows for clicking on an individual window in the Observation Window to open the Remote Console in an additional window. Observation window click behavior may also be set in **Configuration > Options** to allow selecting and interacting with each device within the observation window (or for monitoring only).

Using Spider Devices






When a Remote Console Window is active and the client computer's focus is inside the Remote Console window, mouse movements and keystrokes are transmitted to the remote computer. The Remote Console window may be moved, maximized, minimized, or resized like a standard Windows window. Various options and functions are available from the toolbar or via the **Options** menu. For more details on these functions, refer to the *Spider User Guide*.

Remote Console Button	Description
	Close this Remote Console window (Spider View itself is not closed).
	Toggle monitor-only mode on/off. When turned on, keystrokes and mouse movements are not transmitted to the target system.
	Turn on full screen mode. To exit, press Ctrl+F10
	Send screen shot to clipboard.

Remote Console Button	Description
	Present only on PS/2 mouse interface. Sync local and remote cursors.
	Display the soft keyboard for sending keys not present on local keyboard to remote system.
	The Options pull-down menu provides the configuration options. Also provides the same functions available on toolbar buttons.

Logging Out

- ◆ To exit a specific Remote Console window, click the  icon or click the 'X' button in the top-right corner to close the window.
- ◆ To close a session with a Spider in the Observation Window, click the  button in the top-right corner of the Observation Window.
- ◆ To disconnect all Spider devices in a group, click the  button.
- ◆ To exit Spider View, select **File > Exit** or click the 'X' button in the top-right corner.

Technical Support

If you are unable to resolve an issue using the information in this documentation, contact the following resources.

Technical Support

Check our online knowledge base or send a question to Technical Support at <https://www.lantronix.com/technical-support>.

When you report a problem, please provide the following information:

- ◆ Your name, and your company name, address, and phone number
- ◆ Lantronix model number
- ◆ Lantronix serial number
- ◆ Firmware version
- ◆ Description of the problem
- ◆ Target computer interface (PS/2 or USB) and video format
- ◆ Status of the unit when the problem occurred (please try to include information on user and network activity at the time of the problem).

Appendix A: Troubleshooting

This section provides a list of possible solutions to common issues. If the issue persists, contact Technical Support for further assistance.

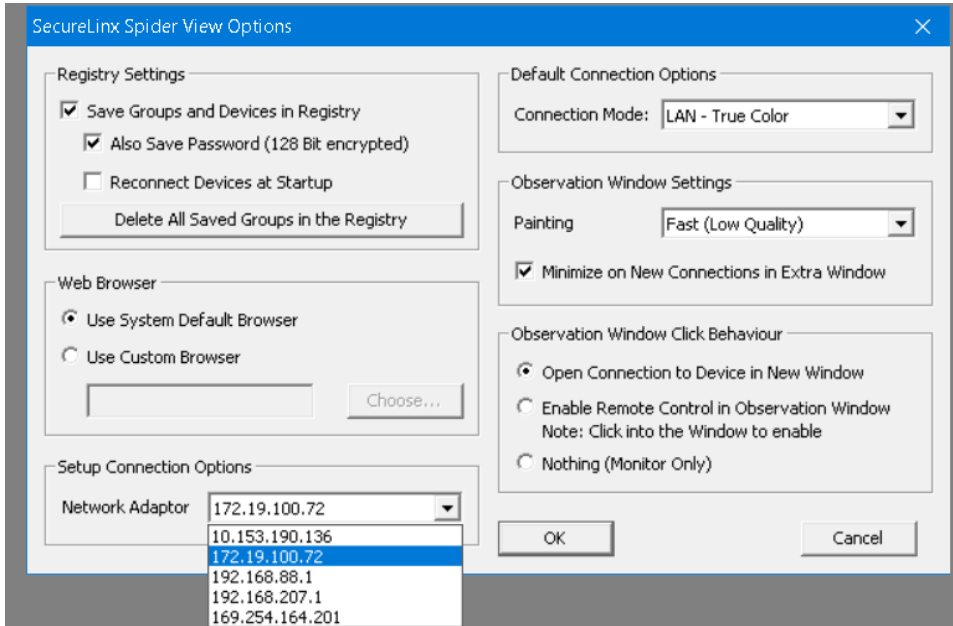
Can't Find Devices -- Network Adapter Choice

If you don't find any new devices when you search, check your Network Adapter choice since the wrong Adapter choice won't let you discover your devices.

You must select the correct Network Adapter, or "Find New Devices" won't find any devices. This is under Configuration | Options. Note: this may happen if your Windows PC becomes disconnected from the Ethernet and the default Network Adapter address changes to a "link-local IPv4 address" (e.g., 169.254.x.x) per RFC 3927. If no Devices are found, Spider View will advise you to check the network settings.

Spider Disappears

You can change the “IP auto config” of a Spider device using Spider View. Switching between DHCP and “None” may change your Spider device’s IP address.



Select Spider View's Network Adaptor

Insecure HTTPS (Self-signed certificate)

If you chose “Configure Selected Device (Website)” which opens a Web Browser, the Browser is likely to complain because the Spider contains a self-signed security certificate. You may “click through” the warnings and proceed to the Spider’s website.

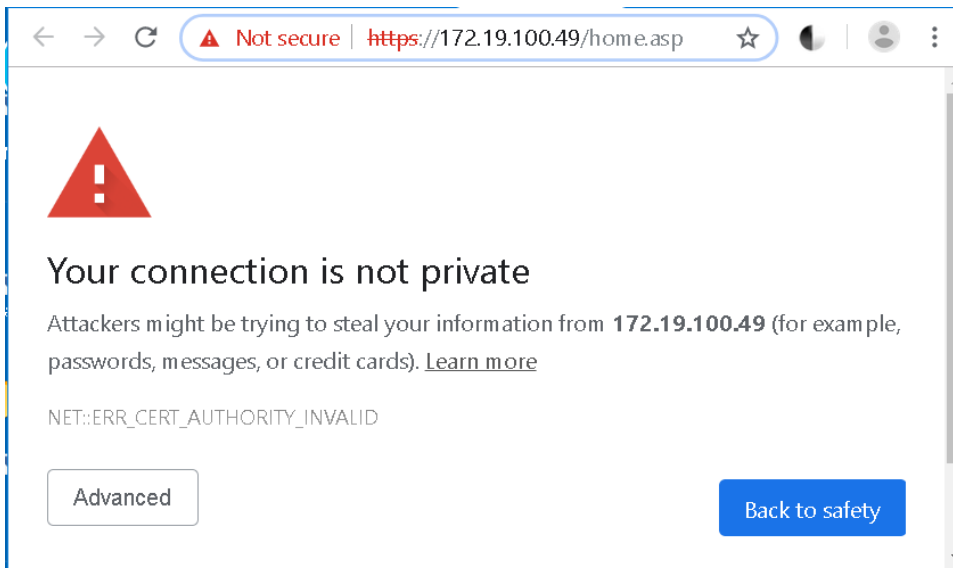


Figure 2 One popular Browser's security warning

Sharing a Disk

When sharing a disk, it may take ~15 seconds to appear on the remote Server.

If you “Reset Keyboard/Mouse (USB)” using the Web interface (Maintenance | Reset Operations | Reset Keyboard/Mouse (USB)) you will drop your Redirected Drives, too.