

LiteShow

Wireless Presentation Adapter



User's Manual

010-0755-02
Date: March 17, 2011

Declaration of Conformity

Manufacturer: InFocus Corporation, 13190 SW 68th Parkway, Suite 200, Tigard, OR 97223-8368

We declare under our sole responsibility that the LiteShow wireless adapter conforms to the following directives and norms:



European Union : CE Standard

EN 300 328/EN 62311/EN 55022 CLASS B/EN 55024/EN 301 489-17/EN 301 489-1/EN 61000-3-2/EN 61000-3-3
/EN 61000-4-2/EN 61000-4-3/EN 61000-4-4/EN 61000-4-5/EN 61000-4-6/EN 61000-4-8/EN 61000-4-11/EN
60950-1/ICE 60950-1



FCC ID : RYK-WMIR269GN

U.S.A : FCC Standard

FCC 47 CFR Part 15 Subpart C/ANSI C63.4-2003/FCC 47 CFR Part 15 Subpart B Class B/ANSI C63.4-2003/ICES-003

IC : 8150A-WMIR269GN

Canada : IC Standard

IC RSS-210/ICES-003 Issue 4



N10533

Australia : C-Tick Standard

AS/NZS 4268/CISPR 22 Class B/IEC 60950-1



COFETEL ID: RCPINAA10-0931

Mexico : NOM & COFETEL Standard

NOM-001-SCFI-1993/NOM-121-SCT1-2008

The Agency/Regulatory Approval for the computer's wireless adapter is solely the responsibility of the adapter manufacturer - not InFocus Corporation.

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NOTE: This product is covered electrical and electronic equipment under the European Union's Waste from Electrical and Electronic Equipment ("WEEE") Directive (2002/96/EC). The WEEE Directive requires that covered equipment be collected and managed separately from typical household waste in all EU member states. Please follow the guidance of your local environmental authority or ask the shop where you purchased the product for collection or recycling options.

FCC Warning

Note: This equipment 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 equipment 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: The Part 15 radio device operates on a non-interference basis with other devices operating at its frequency. Any changes or modification to said product not expressly approved could void the user's authority to operate this device.

FCC CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IMPORTANT NOTE: FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 2.5cm between the equipment and your body. Proper operation of this radio according to the instructions found in this user's guide will result in user exposure that is substantially below the FCC recommended limits.

- Do not touch or move antenna while the unit is transmitting or receiving.
- Do not hold any component containing the radio such that the antenna is very close or touching any exposed parts of the body, especially the face or eyes, while transmitting.
- Do not operate a portable transmitter near unshielded blasting caps or in an explosive environment unless it is a type especially qualified for such use.
- Do not operate the radio or attempt to transmit data unless the antenna is connected: if not, the radio may be damaged.

Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Class B Limits of Industry Canada. Operation is subject to the following conditions:

- 1) This device may not cause harmful interference, and 2) This device must accept any interference received, including interference that may cause undesired operation. The device is certified to the requirements of RSS-139-1 and RSS-210 for 2.4-GHz spread spectrum devices. The use of this device in a system operating either partially or completely outdoors may require the user to obtain a license for the system according to the Canadian regulations. For further information, contact your local Industry Canada office.

Agency Approvals

FCC, CE, IC, C-Tick, NOM, COFETEL

Other specific Country Approvals may apply, see please product certification label.

InFocus reserves the right to alter product offerings and specifications at any time without notice.

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Overview

With the revolutionary Plug-and-Show wireless projection, QuadView, and wireless projection via PDA, LiteShow makes all of your presentations and meetings more efficient and successful.

Features

- Compatible with Windows 7, Vista, XP, Windows 2000, Windows Mobile 5/6, and Macintosh (Mac) version 10.4 and above
- Plug and Show! Just link your computer/Laptop to LiteShow (through WLAN or Ethernet); plug the token into a USB port, and in seconds, your screen will be projected wirelessly to your projector!
- QuadView allows up to four computer or PDA screens to be projected on one projector at the same time.
- Web-based conference control
- Session security login, wireless WEP/WPA key and Gatekeeper functions protect presentation contents and maintain office network security.
- Media playback feature supports music and video streaming. LiteShow can even handle high-definition video.

What's in the Box

- LiteShow module
- LiteShow USB token

Client Software:

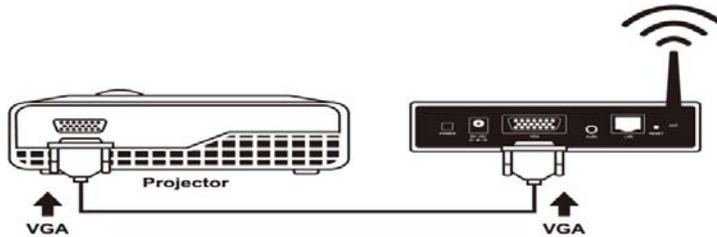
- Windows, MAC, MobiShow for Smartphone

Applications:

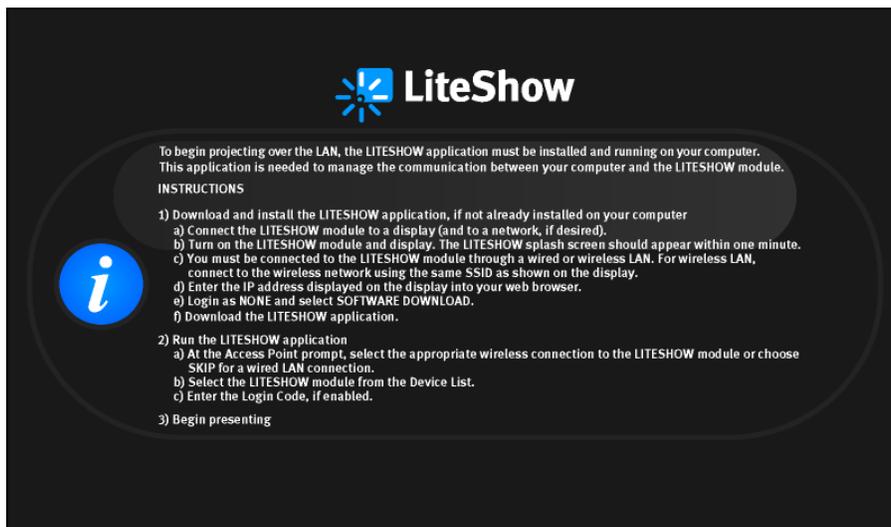
- VAC.exe (For Audio Projection)
- VDD.exe (For Virtual Extended Screen – Windows XP/Vista only)
- IBmaker1201.exe (For changing the LiteShow Startup Screen)
- PtGConverter.exe (For MobiShow PtG function)
- Power Adapter (DC +5V, 2.6A)
- Antenna (2)
- Power Cord
- Mounting Screws
- Quick Installation Guide with Warranty Card

Initial Set-up

- 1) Connect power to LiteShow module, and connect a VGA cable from the projector to the LiteShow VGA connector. If desired, audio can also be connected to the LiteShow Audio connector.



- 2) Turn on the projector and LiteShow module. **Note:** When the projector shows the instructions below, LiteShow is ready for use.

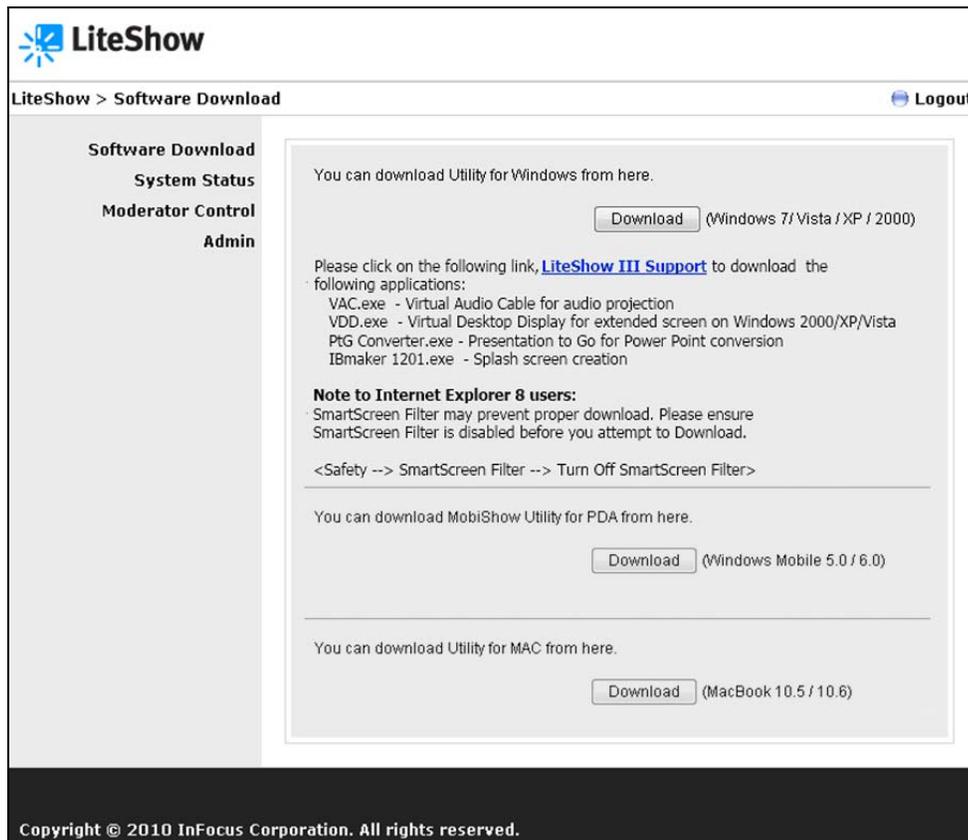


- 3) Verify that your computer's wireless connection is enabled and connect to the LiteShow wireless network.
- 4) Open your browser. Although the LiteShow page should display automatically, you can also enter the IP address displayed on the projector into your web browser. **Note:** The default IP address of LiteShow is 192.168.100.10.
- 5) At the LiteShow Login screen, enter one of the following combinations to access the downloadable client software:

Login	Default Password
None	<i>Not applicable – No password required</i>
Basic User	basic
Admin User	admin

Note: If the default password listed above does not work, contact your IT administrator.

- 6) Download the client software that corresponds to your operating system and click **Run** to execute the installation program.



The screenshot shows the LiteShow website's 'Software Download' page. At the top left is the LiteShow logo. Below it, the breadcrumb 'LiteShow > Software Download' and a 'Logout' link are visible. A left-hand navigation menu contains links for 'Software Download', 'System Status', 'Moderator Control', and 'Admin'. The main content area features three download sections: 1) Windows utility with a 'Download' button and '(Windows 7 / Vista / XP / 2000)' text. 2) A list of applications (VAC.exe, VDD.exe, PTG Converter.exe, IBmaker 1201.exe) with a note for Internet Explorer 8 users to disable SmartScreen Filter, and a '<Safety --> SmartScreen Filter --> Turn Off SmartScreen Filter>' link. 3) PDA utility with a 'Download' button and '(Windows Mobile 5.0 / 6.0)' text. 4) MAC utility with a 'Download' button and '(MacBook 10.5 / 10.6)' text. A footer at the bottom reads 'Copyright © 2010 InFocus Corporation. All rights reserved.'

- 7) Once installation is complete, a LiteShow shortcut will appear on your Desktop.

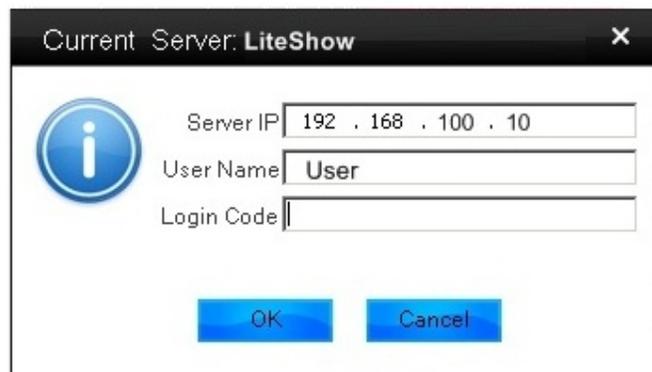
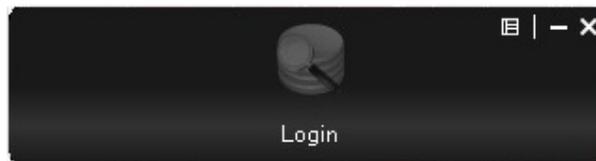
Windows Client Utility

Launch Application

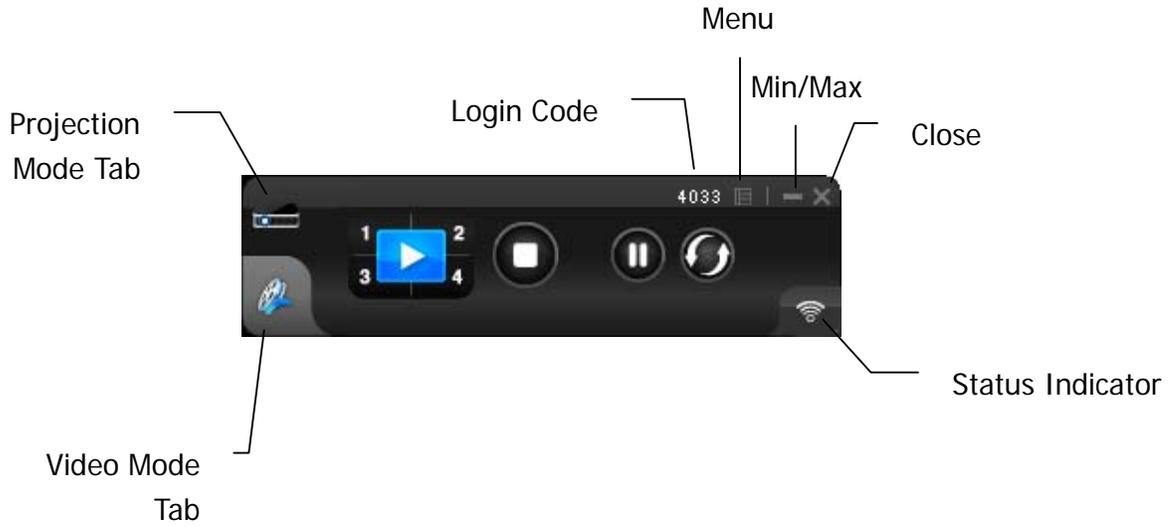
After you successfully download the LiteShow Windows client, follow the steps below to start the program.



- 1) Click the LiteShow shortcut. LiteShow3
- 2) Select the network you want to project over, and then the LiteShow module you wish to use.
- 3) If the LiteShow module is found, a Login Code dialog box will be displayed on your projector.
- 4) Enter the Login Code visible on the projector and click **OK**. Your computer screen should begin displaying automatically. **Note:** The Login Code can be turned off by your administrator. If no Login Code is displayed, then the Login Code is not required. Click **OK** to proceed.



Application Control Panel



Projection Mode Tab

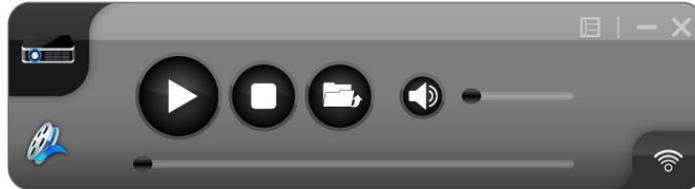


Projection Mode Controls	
	Full Screen projection
	Project to Quadrant #1
	Project to Quadrant #2
	Project to Quadrant #3
	Project to Quadrant #4
	Stop projecting
	Pause projecting
	Refresh Feature

Projection Audio Notes:

LiteShow can redirect your computer's audio to the projector using an optional driver, "VAC.exe". To enable audio projection, you must first install VAC.exe (located on the USB token which came with your LiteShow or downloaded from the InFocus web site). Once VAC is installed, open the LiteShow application menu, select "Send Audio to Display", select "Yes", and restart LiteShow application.

Video Mode Tab



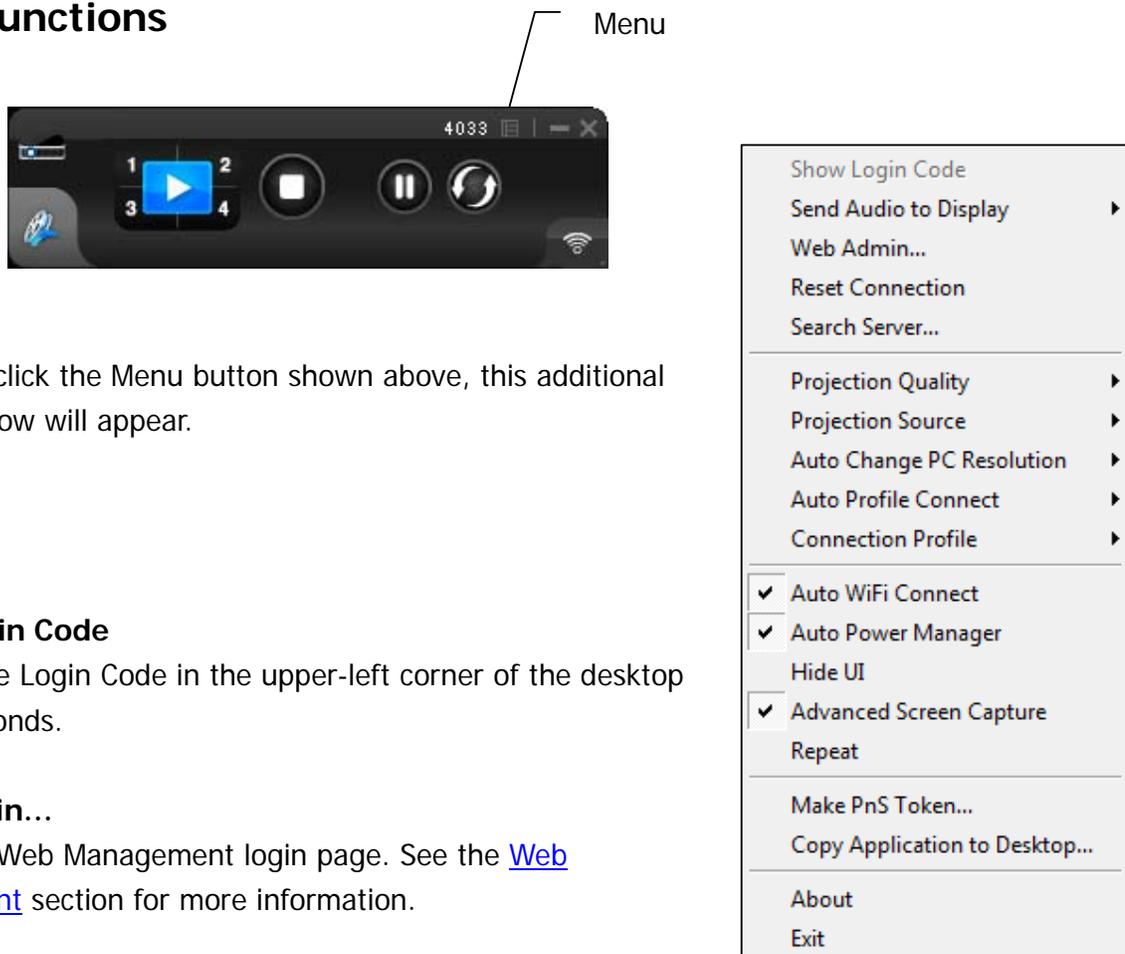
Video Mode Controls	
	Start Playing Video/Music
	Stop Playing Video/Music
	Open Video/Music File
	Mute
	Volume Level
	Progress Bar

Video Mode Notes:

Supported formats include: MPEG1/2, DivX(3.4.5), XviD(MPEG4), H.264, WMV9, MP3, WMA.

For higher quality video or music playback, stream the files from your computer to the LiteShow module. Decompression, buffering, and video processing all take place in the LiteShow module reducing the load on your computer and network. Click on the Video Mode Tab to switch to Video Mode. Choose a video/audio file and it will stream the file to playback on the screen.

Menu Functions



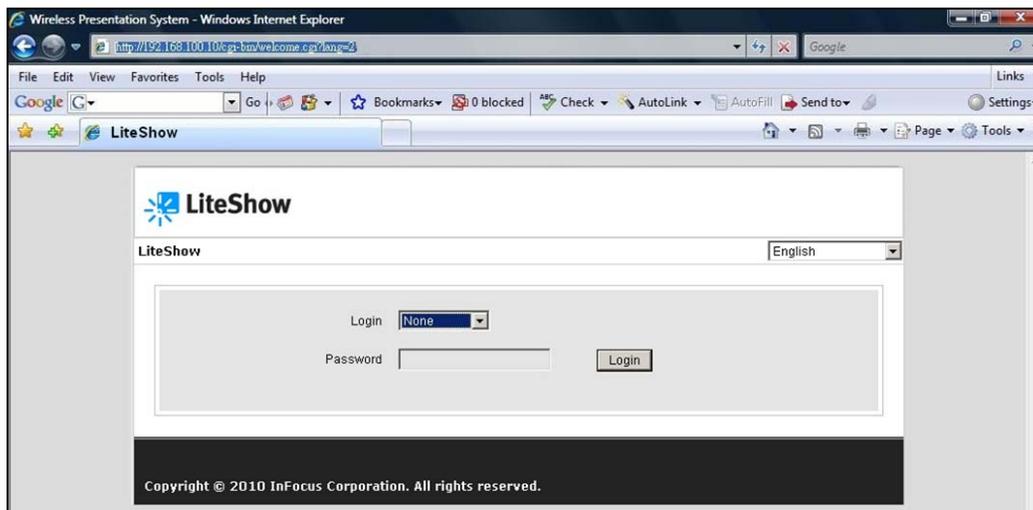
When you click the Menu button shown above, this additional menu window will appear.

Show Login Code

Displays the Login Code in the upper-left corner of the desktop for ten seconds.

Web Admin...

Opens the Web Management login page. See the [Web Management](#) section for more information.



Reset Connection

Disconnects and reconnects to the current LiteShow device. Use this feature to re-connect a connection frozen by broken network traffic.

Search Server

Searches for LiteShow again.

Projection Quality

Allows you to toggle between “Normal” for faster projection speed with lower screen image quality (default setting) and “Best” for clear screen image quality, but with slower projection speed.

Projection Source

Allows you to duplicate your computer screen onto the projection screen (Main Screen) or to extend your computer monitor onto the projection screen (Virtual Extended Screen). **Note:** This function is only supported under Windows – Windows 7 does not require additional drivers, however Windows XP and Vista require the “VDD.exe” driver to function properly. Install “VDD.exe” from the USB token (or from the web at: www.infocus.com/support). Once VDD has been installed, open the LiteShow application menu and select “Projection Source”, and “Virtual Extended Screen”.



Auto Change PC Resolution

Allows you to configure LiteShow to resize your computer to match the LiteShow display automatically, never resize your computer, or to prompt you each time there is a connection.

Auto Profile Connect

When this option is enabled, LiteShow will automatically connect to the first saved profile.

Connection Profile

Allows you to save the current connection configuration as a Profile for quick access later.

When you have one or more saved connection profiles, the LiteShow application will prompt you each time it starts up to select a connection profile. Click **Connect** to establish a connection as defined by the selected profile, click **Skip** to select a network and module, or click **Edit** to add delete or modify a profile.

Profile Manager

Profile	LiteShow
SSID	LiteShow
Server IP	192 . 168 . 100 . 10
User Name	User
Login Code	1234

Save

Profile Manager

Profile
LiteShow-001
LiteShow-002
LiteShow-003
LiteShow-004

Edit OK

Auto WiFi Connect

When Auto WiFi Connect is selected, the LiteShow application will search out and list all available wireless networks and automatically switch to the selected network before searching for available LiteShow modules. (Selecting **Skip** when Auto WiFi is selected, will not modify the computer's existing network connection.)

When Auto WiFi Connect is not selected, the LiteShow application will only search the computer's existing network connection for LiteShow modules.

Auto Power Manager

To optimize projection performance, the LiteShow application will automatically turn the computer's Windows power management settings to "highest performance" when the LiteShow Application is enabled. Note: When the LiteShow application is disabled, the computer's power management settings are unchanged.

Hide UI

Allows you to choose to hide or display the application control panel on the projection screen.



Advanced Screen Capture

Allows you to see the Tips window and other layered windows (including your desktop) on the projector. Note: The mouse cursor may blink while projecting.

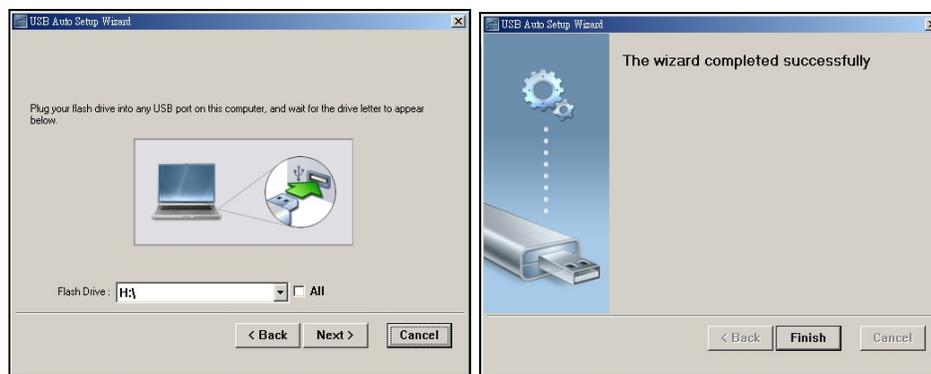
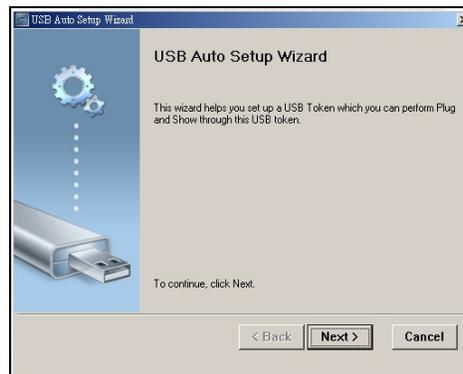


Repeat

Loops the current video/audio file so that it plays repeatedly.

Make PnS Token

Creates a duplicate USB LiteShow Token. You can insert a USB thumb drive and follow the Setup Wizard to make the Token. Users can execute the LiteShow application directly from the Token, avoiding the need for guests to install the application.

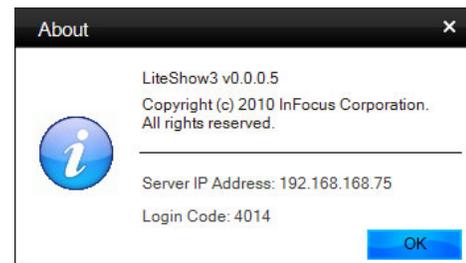


Copy Application to Desktop

Copies the LiteShow application to your desktop. Administrator rights on your computer are not required.

About

Displays system information, including client version, IP address and login code.



Exit

Exits the LiteShow application. It will stop whatever is being displayed and close the application immediately.

Windows Mobile Utility

Download From Device

- 1) Verify that your Smartphone or PDA's wireless connection is enabled and connect to the LiteShow wireless network. The SSID is displayed on screen.
- 2) Open your browser. Although the LiteShow page should display automatically, you can also enter the IP address displayed on the projector into your web browser. **Note:** The default IP address of LiteShow is 192.168.100.10.
- 3) At the LiteShow Login screen, enter one of the following combinations to access the Download options:

Login	Default Password
None	<i>Not applicable – No password required</i>
Basic User	basic
Admin User	admin

Note: If the default password listed above does not work, contact your IT administrator.

- 4) Download and install the MobiShow Utility, and follow the Installation Wizard instructions. (Or download the Utility from the LiteShow USB token.)
- 5) Open Explorer on your phone and find the CAB file.
- 6) Double click on the CAB file to start installation.
- 7) Follow on-screen instructions to finish installation.

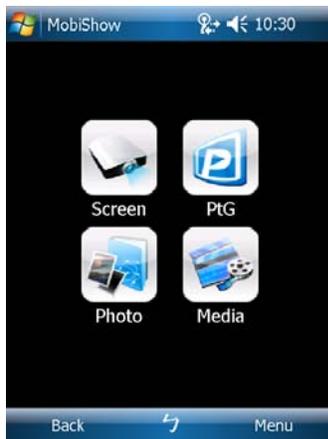
Using MobiShow with a Smartphone

- 1) Open "Programs" on your phone and find the "MobiShow" application.
- 2) Click the MobiShow shortcut to launch the client software.
- 3) MobiShow will turn on Wi-Fi on your phone and list the available Wireless Networks.
- 4) Connect to the desired LiteShow wireless network.
- 5) MobiShow will connect to that access point and search for LiteShow modules automatically. When a LiteShow module is found, it will automatically login and the following main menu will be displayed on your phone.

Note: If more than one MobiShow device is found, a list will be displayed for you to select the one you would like to use.



- 6) Select the desired feature:



To project the screen of your phone: select **Screen**.

To do a computer-less presentation: select **PtG**.

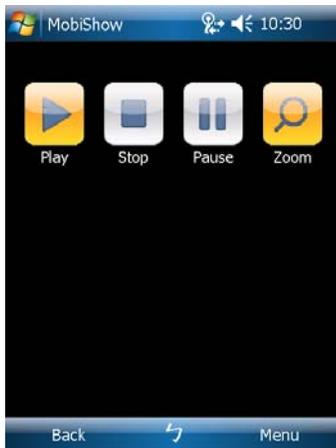
To project a slideshow of photos: select **Photo**.

To play a video or MP3 from your phone: select **Media**.

Screen Projection:

MobiShow will project anything displayed on your screen. You may launch another application (such PowerPoint Viewer) or open any file (such as a Word document or JPG image) and it will be projected on the projector.

Note: In order to keep your screen projected, do not exit the MobiShow application while opening another application.



Play: starts projection.

Stop: stops projection.

Pause: alternately, pauses and resumes projection.

Zoom: extends the longest side of your screen to fill the screen.

Wireless Presentation-to-Go

When selecting the Presentation-to-Go (PtG) function, MobiShow client will automatically open Explorer for you to select a PtG file. Once you have opened the desired file, the PtG slides will be projected and the following screen is displayed on your phone for you to control your presentation.



PgUp & Prev: goes to the previous slide.

Next & PgDn: goes to the next slide.

Play/Stop: alternately starts and stops projection.

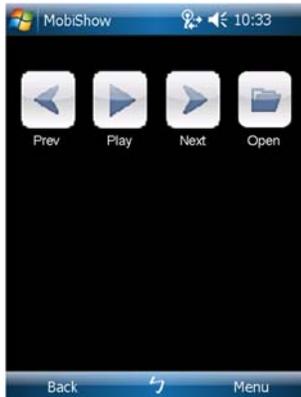
Home: goes to the first slide in the file.

Jump: shows thumbnails of all the slides in the file for easy selection of a desired slide.

Open: allows another PtG file to be opened.

Photo Slideshow

MobiShow can be used to project photos stored on your phone. **Notes:** Photos will be resized for playback on a large screen, rather than for a small cell phone screen, therefore the resolution quality will be very noticeable when the photos are projected. For best results, display high resolution photos.



Prev: goes to the previous photo in the folder.

Play/Pause: alternately starts and pauses projection.

Next: goes to the next photo in the folder.

Open: allows another photo file to be opened.

Media Sender

When you click on the Media button, the MobiShow client will automatically open Explorer for you to select a media file. (Compatible file formats: mpeg, WMV9, and MP3 music files.) After choosing the desired file, it may take a few seconds to buffer before playback begins, depending on the wireless signal and media bit rate.

When the file is open, the media will be projected, and the following screen is displayed on the phone for you to control your media playback.



FR: goes to the previous slide.

FF: goes to the next slide.

Vol-: decreases the volume.

Vol+: increases the volume.

Pause: alternately, pauses and resumes projection.

Play/Stop: alternately starts and stops projection.

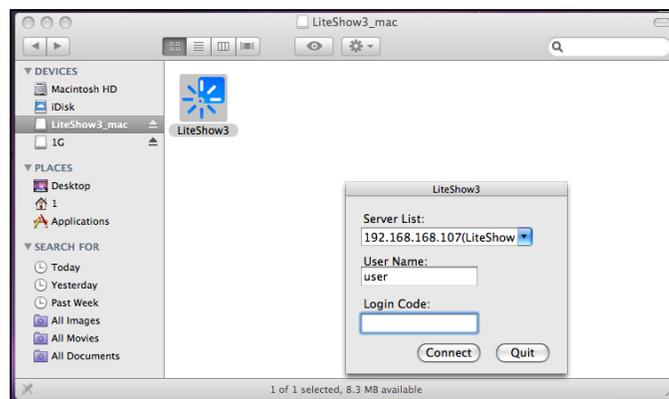
Mute: disables the volume.

Open: allows another file to be opened.

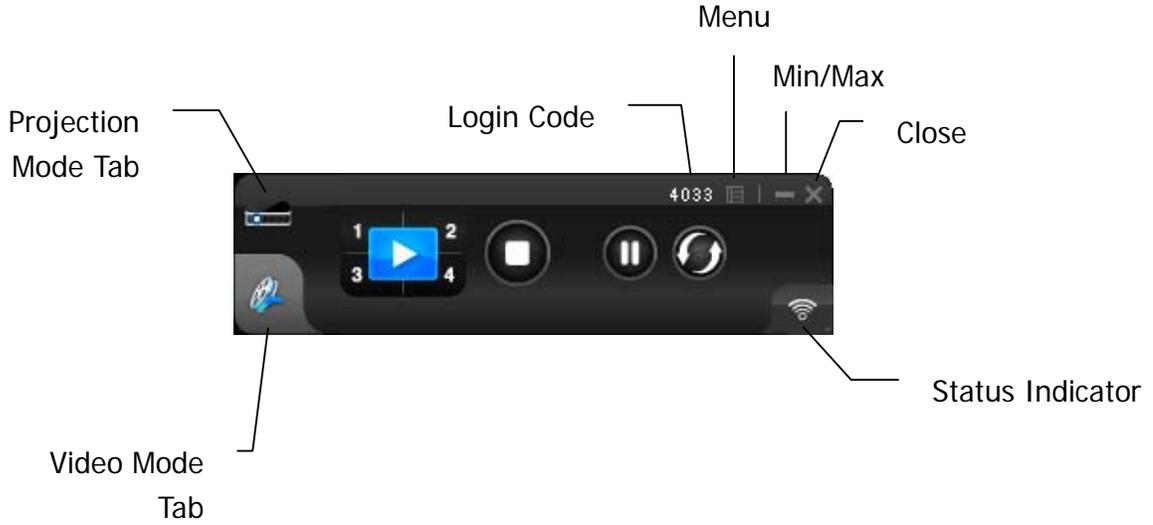
Mac Client Utility

Launch Application

- 1) Click the LiteShow shortcut.
- 2) Select the network you want to project over, and then the LiteShow module you wish to use.
- 3) If the LiteShow module is found, a Login Code dialog box will be displayed on your projector.
- 4) Enter the Login Code visible on the projector and click **Connect**. LiteShow should automatically begin displaying your computer screen to the connected projector.



Application Control Panel



Projection Mode Tab



Projection Mode Controls	
	Full Screen projection
	Project to Quadrant #1
	Project to Quadrant #2
	Project to Quadrant #3
	Project to Quadrant #4
	Stop projecting
	Pause projecting
	Refresh Feature

Video Mode Tab



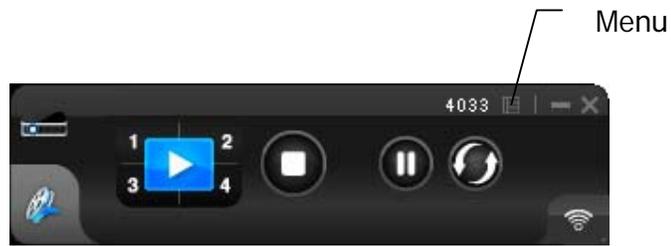
Video Mode Controls	
	Start Playing Video/Music
	Stop Playing Video/Music
	Open Video/Music File
	Mute
	Volume Level
	Progress Bar

Video Mode Notes:

Supported formats include: MPEG1/2, DivX(3.4.5), XviD(MPEG4), H.264, WMV9, MP3, WMA.

For higher quality video or music playback, stream the files from your computer to the LiteShow module. Decompression, buffering, and video processing all take place in the LiteShow module reducing the load on your computer and network. Click on the Video Mode Tab to switch to Video Mode. Choose a video/audio file and it will stream the file to playback on the screen.

Menu Functions



When you click the Menu button shown above, this additional menu window will appear:

Web Management Search Server Repeat
Info
About Exit

Web Management

Opens the Web Management login page. See the [Web Management](#) section for more information.

Search Server

Searches for LiteShow again.

Repeat

Loops the current video/audio file so that it plays repeatedly.

Info

Displays system information, including LiteShow model name, IP address and login code.

About

Displays LiteShow client version.

Exit

Exits the LiteShow application. It will stop whatever is being displayed and close the application immediately.

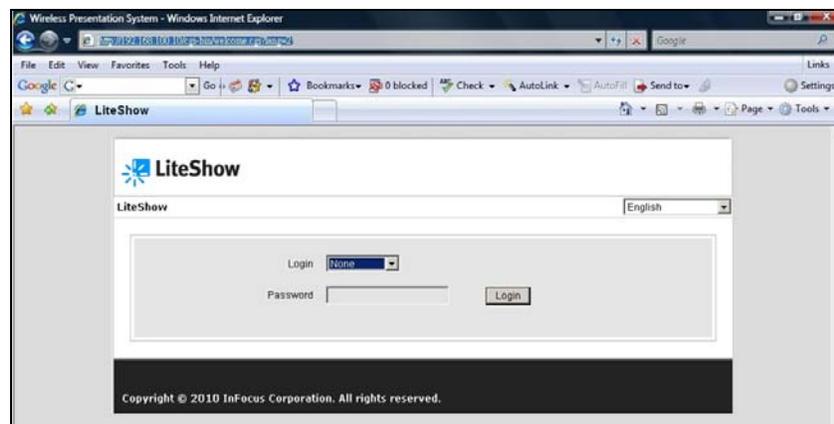
Web Management

Home Page

- 1) Ensure your computer has successfully connected to LiteShow.
- 2) Open your web browser. It should automatically open to the LiteShow home page. If not, enter the IP address shown on the projector screen in your browser window. The default IP is "192.168.100.10".
- 3) At the LiteShow Login screen, choose your desired language from the drop-down, and enter one of the following combinations to access associated LiteShow menus:

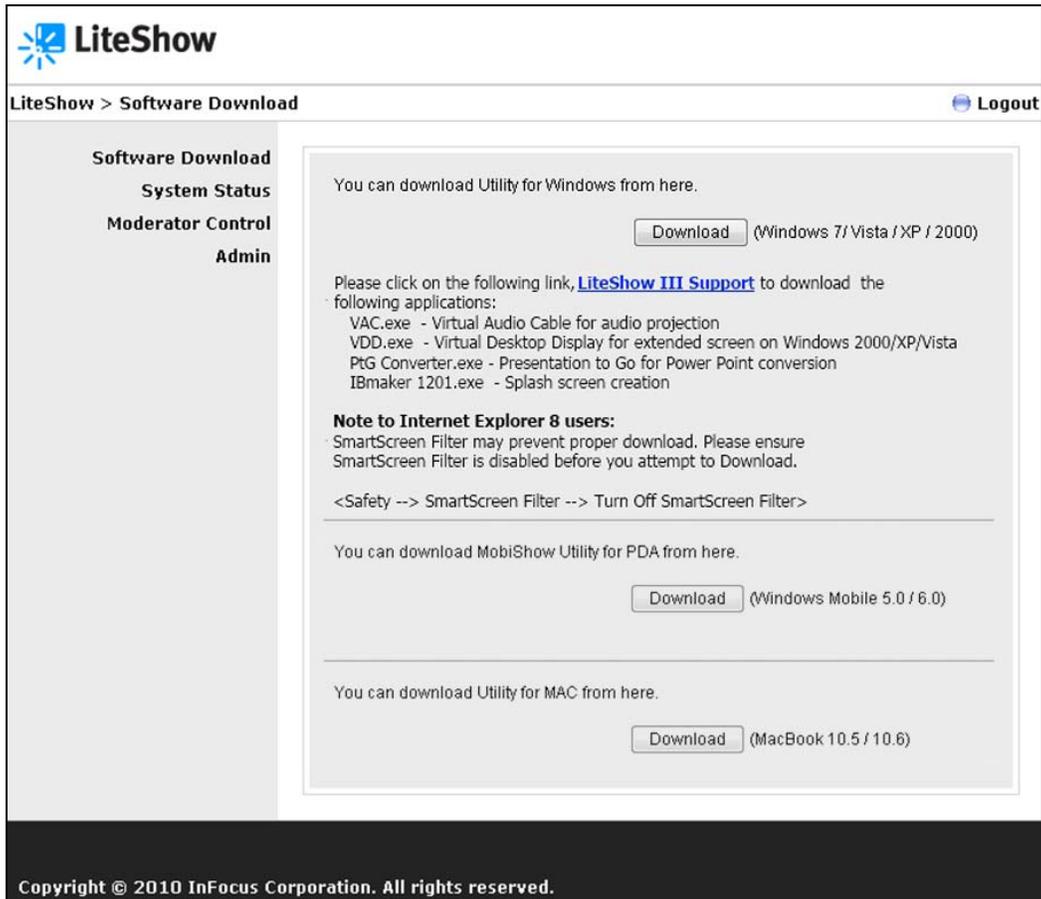
Login	Default Password	Menu Options
None	<i>Not applicable – No password required</i>	Download System Status
Basic User	basic	Download System Status Moderator Control
Admin User	admin	Download System Status Moderator Control Admin Menu

Note: If the default password listed above does not work, contact your IT administrator.



Download

Available to all users, regardless of which login is used.



LiteShow

LiteShow > Software Download Logout

Software Download
System Status
Moderator Control
Admin

You can download Utility for Windows from here.

(Windows 7 / Vista / XP / 2000)

Please click on the following link, [LiteShow III Support](#) to download the following applications:

- VAC.exe - Virtual Audio Cable for audio projection
- VDD.exe - Virtual Desktop Display for extended screen on Windows 2000/XP/Vista
- PtG Converter.exe - Presentation to Go for Power Point conversion
- IBmaker 1201.exe - Splash screen creation

Note to Internet Explorer 8 users:
SmartScreen Filter may prevent proper download. Please ensure SmartScreen Filter is disabled before you attempt to Download.

<Safety --> SmartScreen Filter --> Turn Off SmartScreen Filter>

You can download MobiShow Utility for PDA from here.

(Windows Mobile 5.0 / 6.0)

You can download Utility for MAC from here.

(MacBook 10.5 / 10.6)

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- 1) Choose **Software Download** from the left-hand menu.
- 2) Select the appropriate download from the list of choices, based on your operating system, and click **Download** to start the installation program.
- 3) Follow the Installation Wizard instructions.
Note: A "Windows Security Alert" may appear if the Windows firewall blocks this program. Press "Unblock" button to continue installation.
- 4) Once installation is complete, a LiteShow shortcut will appear on your desktop.

Note to System Administrators: If you save the "LiteShow3.exe" installation file to an accessible folder, you can invoke it in a script as "LiteShow3.exe /VERYSILENT". This would cause LiteShow to install without prompts and silently terminate without launching LiteShow at the end of the installation process.

System Status

Available to all users, regardless of which login is used. This page displays a variety of network-related information, including the IP address of LiteShow.

The System Status page also shows whether LiteShow is currently projecting and how many users are currently connected to the device.

LiteShow

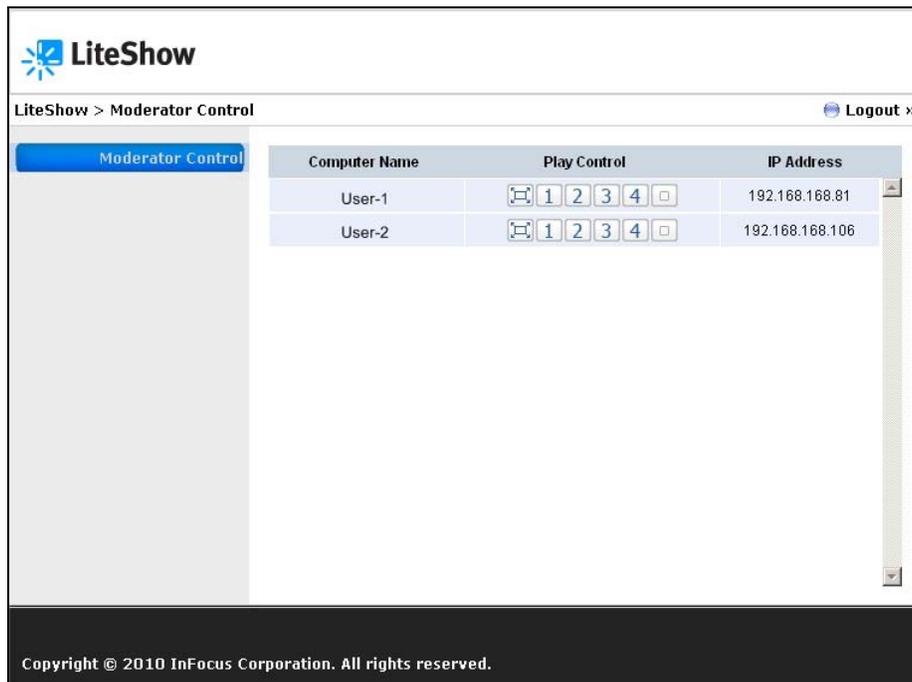
LiteShow > System Status Logout

Software Download System Status	Network Status	
	IP Address	192.168.168.58
	Subnet Mask	255.255.255.0
	Default Gateway	192.168.168.251
	Wire MAC Address	00:12:5F:00:84:38
	Network Connection Status	
	Projection Status	Projecting
	Total Users	1

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Moderator Control

Available only to users logged in as either Basic or Admin Users. Moderator Control allows you to easily change presenters and to display up to four presentations at one time.



To change presenters: Review the available presenters listed under Computer Name and click on the Play Control options associated with the desired presenter.

To enable QuadView: Review the available presenters listed under Computer Name and click on 1, 2, 3 or 4 in the Play Control options list.

Play Control Options	
	Full-screen presentation
	Displays presentation in Quadrant #1
	Displays presentation in Quadrant #2
	Displays presentation in Quadrant #3
	Displays presentation in Quadrant #4
	Stops presentation

Admin

Available only to users logged in as Admin Users. Clicking on Admin brings up a new webpage with additional menu items.

LiteShow

LiteShow > Admin > Network Setup Logout >>

- Network Setup
- OSD Setup
- Projection Setup
- Change Passwords
- Reset to Default
- Firmware Update
- Reboot

IP Setup	<input checked="" type="radio"/> Obtain an IP address automatically <input type="radio"/> Use the following IP address
	IP Address: 192 . 168 . 100 . 10
	Subnet Mask: 255 . 255 . 255 . 0
	Default Gateway: 192 . 168 . 100 . 10
DNS Server: 192 . 168 . 100 . 10	
DHCP Server Setup	<input checked="" type="radio"/> Auto <input type="radio"/> Disable
	Start IP: 192 . 168 . 100 . 11
	End IP: 192 . 168 . 100 . 254
	Subnet Mask: 255 . 255 . 255 . 0
	Default Gateway: 192 . 168 . 100 . 10
DNS Server: 192 . 168 . 100 . 10	
Wireless Setup	Wireless LAN: <input checked="" type="radio"/> Enable <input type="radio"/> Disable
	Embedded AP SSID: LiteShow
	Region: WORLDWIDE
	SSID Broadcast: <input checked="" type="radio"/> Enable <input type="radio"/> Disable
	Channel: Auto
Encryption: WPA PSK	
Key:	
Wireless Client Setup	Connect to Existing AP: <input type="radio"/> Enable <input checked="" type="radio"/> Disable
	Existing AP SSID:
	Encryption: Disable
Key:	
GateKeeper	<input checked="" type="radio"/> All Pass <input type="radio"/> All Block <input type="radio"/> Internet Only

Apply Cancel

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Network Setup

The default setting of the LiteShow box is DHCP client. When the LiteShow module is connected to a LAN that already has a DHCP server present, the LiteShow module takes an IP address assigned to it by the server. When the LiteShow module is connected to a LAN that does not have a DHCP server, the LiteShow module becomes the DHCP server in the network.

IP Setup

You can select “obtain IP address automatically” or “Use the following IP address”:

IP Address: The default value is 192.168.100.10.

Subnet Mask: The default value is 255.255.255.0

Default Gateway: The default value is 192.168.100.10

DNS Server

DHCP Server Setup

Enable or disable the DHCP server automatically, or disable it altogether.

Start IP: The start IP address of DHCP Server.

End IP: The end IP address of DHCP Server.

Subnet Mask

Default Gateway

DNS Server

Wireless Setup

Wireless LAN: “Enable” or “Disable” the Wireless LAN.

Region: Choose your geographic region. “Worldwide” is the default.

SSID: SSID string, maximum length is 32 bytes. (No spaces)

Channel: You can set fixed channel or choose Auto. After powering on the LiteShow, choosing “Auto” will scan all wireless channels and select one clear channel automatically.

Encryption: Disable or select a wireless encryption preference (WEP/WPA/WPA2 64-bit or 128-bit in ASCII or HEX string).

Key: If Encryption is enabled, a key value must be set based on the selected encryption mode.

Wireless Client Setup

The Wireless Client feature allows LiteShow to connect to the corporate network as a wireless client rather than through the RJ45 wired connection.

Enable/Disable: To setup LiteShow as a wireless client, choose "Enable." Note: Enabling the Wireless Client will disable both the wired RJ45 connection and Gatekeeper (Gatekeeper will be set to "All Pass"). Disabling the Wireless Client will restore the RJ45 wired connection.

Existing AP SSID: the SSID string of the corporate wireless LAN (maximum length 32 bytes; no spaces).

Encryption: the encryption method required to access the corporate wireless LAN (WEP/WPA/WPA2 64-bit or 128-bit in ASCII or HEX string).

Key: the value required to access the corporate wireless LAN. Used only when Encryption is enabled.

Gatekeeper

Designed to ensure enterprise network security.

All Block: prevents Guest Users connected through a wireless connection from accessing the office network (LAN).

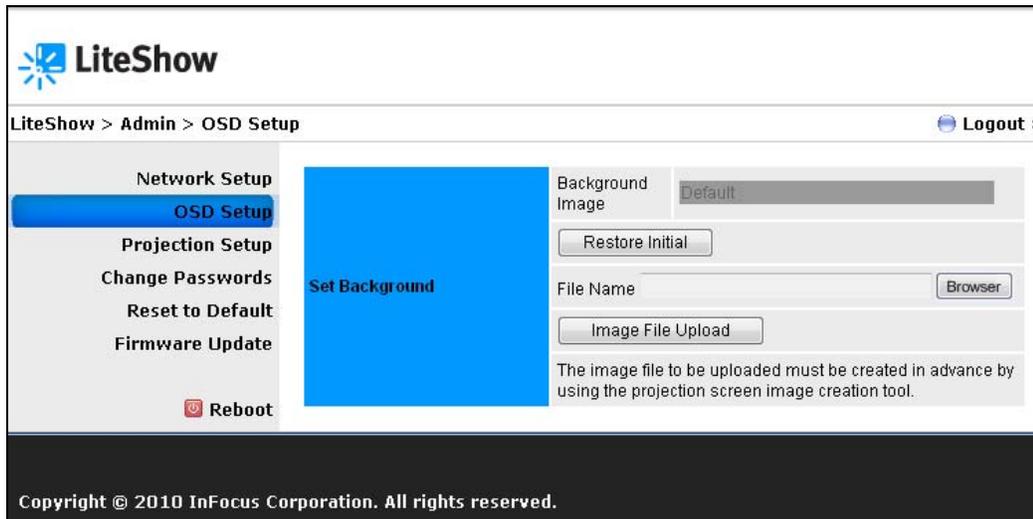
All Allow: allows Guest Users connected through a wireless connection to access the office network (LAN).

Internet Only: prevents Guest Users from accessing the office network (LAN), but still allows internet traffic (browser packets i.e. port 80, 443) to pass through.

OSD Setup

Allows you to customize the LiteShow standby image with a personal image and/or restore the original standby image.

Note: To define a custom image, you must convert the image using the IB Maker Utility located on the LiteShow USB token (and at www.infocus.com/support). See Appendix A for further instructions.



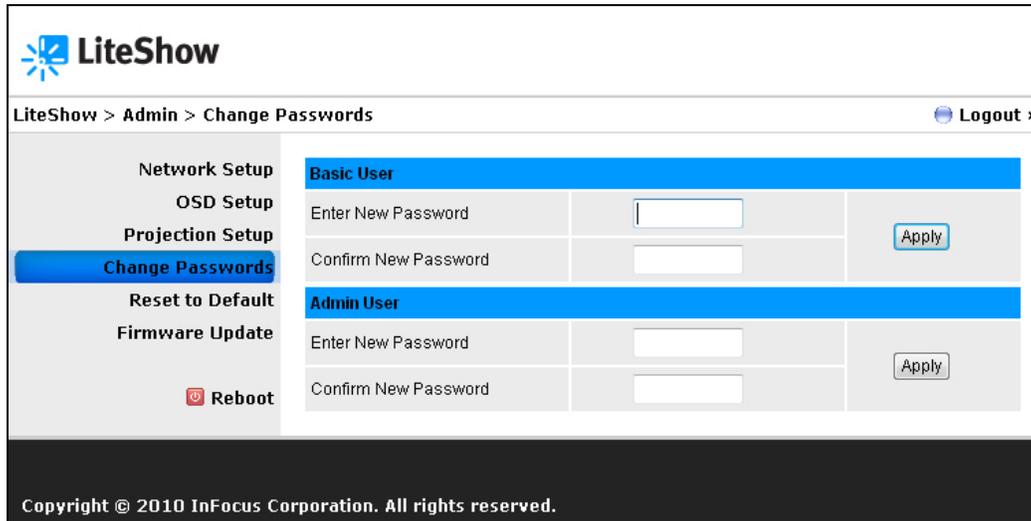
Projection Setup

Allows you to change the projector's resolution (options: 1024 x 768, 1280 x 768, 1280 x 800) and disable, randomize or apply a static Login Code.



Change Password

Allows the user to reset the passwords for Basic User and/or Admin User.



LiteShow > Admin > Change Passwords Logout »

Network Setup
OSD Setup
Projection Setup
Change Passwords
Reset to Default
Firmware Update
Reboot

Basic User

Enter New Password	<input type="text"/>	Apply
Confirm New Password	<input type="text"/>	

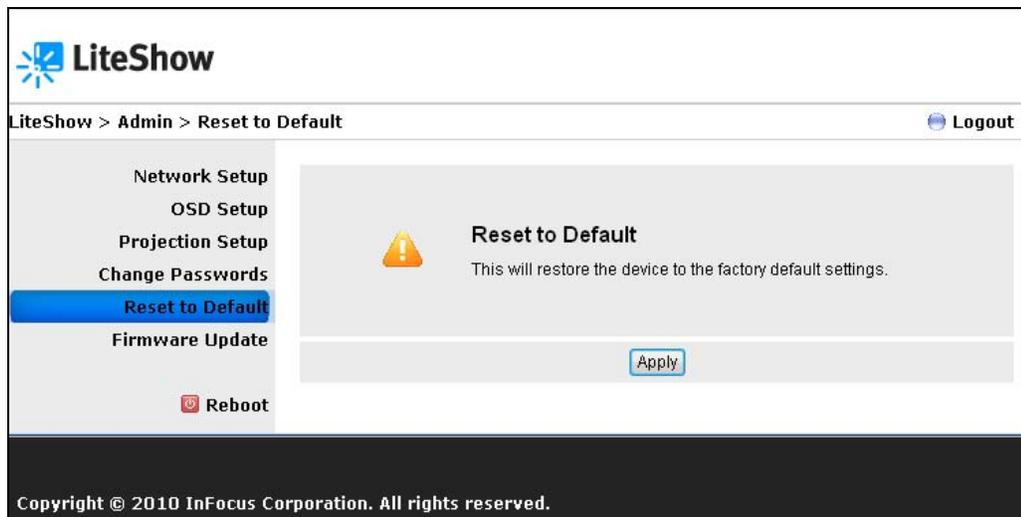
Admin User

Enter New Password	<input type="text"/>	Apply
Confirm New Password	<input type="text"/>	

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Reset to Default

Restores LiteShow to factory default settings.



LiteShow > Admin > Reset to Default Logout »

Network Setup
OSD Setup
Projection Setup
Change Passwords
Reset to Default
Firmware Update
Reboot

 **Reset to Default**
This will restore the device to the factory default settings.

Apply

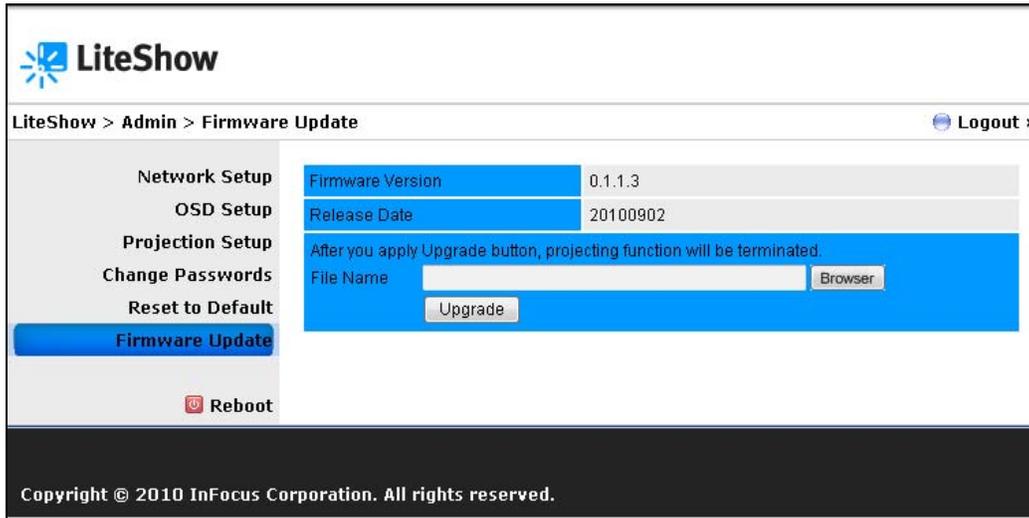
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Alternatively, factory default settings can also be restored as follows:

- 1) Turn off the LiteShow module.
- 2) Press and hold the **Reset** button on the back of the LiteShow module.
- 3) Turn on the LiteShow module.
- 4) Wait for at least 10 seconds and release the **Reset** button.
- 5) Factory default settings should be restored.

Firmware Update

Used for updating the firmware of LiteShow.

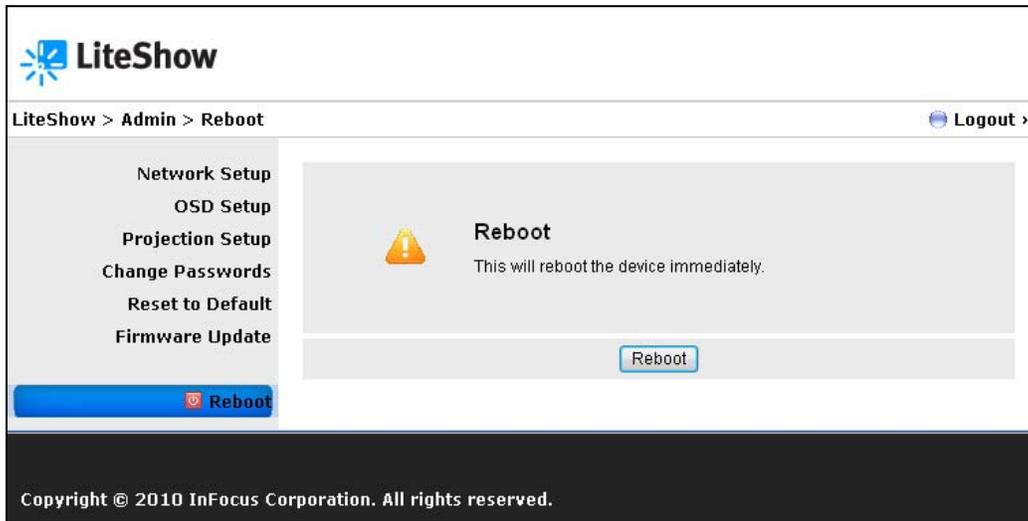


To update your LiteShow firmware:

- 1) Connect the LiteShow device to your network RJ45 connector before updating. (Do not update wirelessly.)
- 2) Download the latest firmware image file (*.awd) from the InFocus support site (www.infocus.com/support) to your computer.
- 3) Choose **Firmware Update** from the left-hand menu.
- 4) Click **Browse** and open the firmware image file you previously downloaded to your computer.
- 5) Click **Upgrade**. **Note:** This process will take several minutes.
- 6) After a message appears stating the update has been successful, click **OK** and begin using LiteShow.

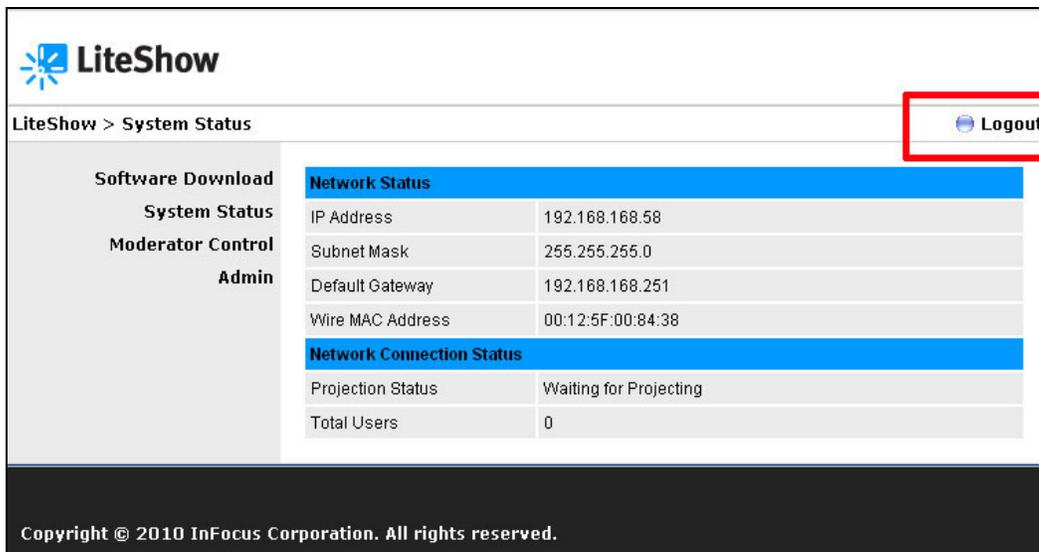
Reboot

Restarts the LiteShow system.



Logout

Exits the LiteShow web page.

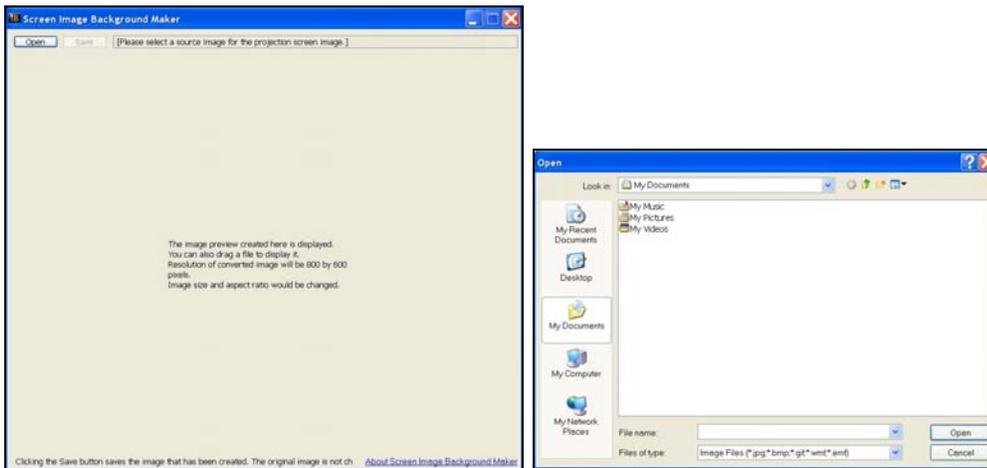


Appendix A: Screen Image Background Maker

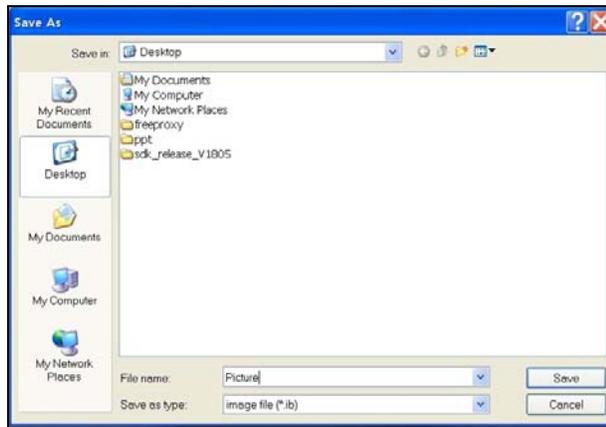
- 1) Download the IBmaker1201.exe file from the LiteShow USB token or from the InFocus website at: www.infocus.com/support.
- 2) Once installed, the Image Background Maker will reside in the MobiShow folder within Programs.
- 3) Run the Image Background Maker and follow the wizard instructions.



- 4) When instructed, click **Open** and select the desired image you want to convert into your custom LiteShow background.

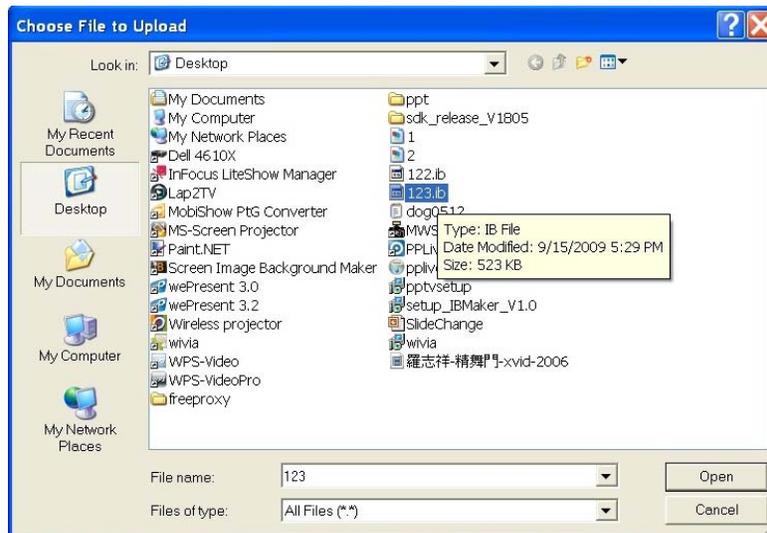


5) Click **Save** to save the file and close the window.

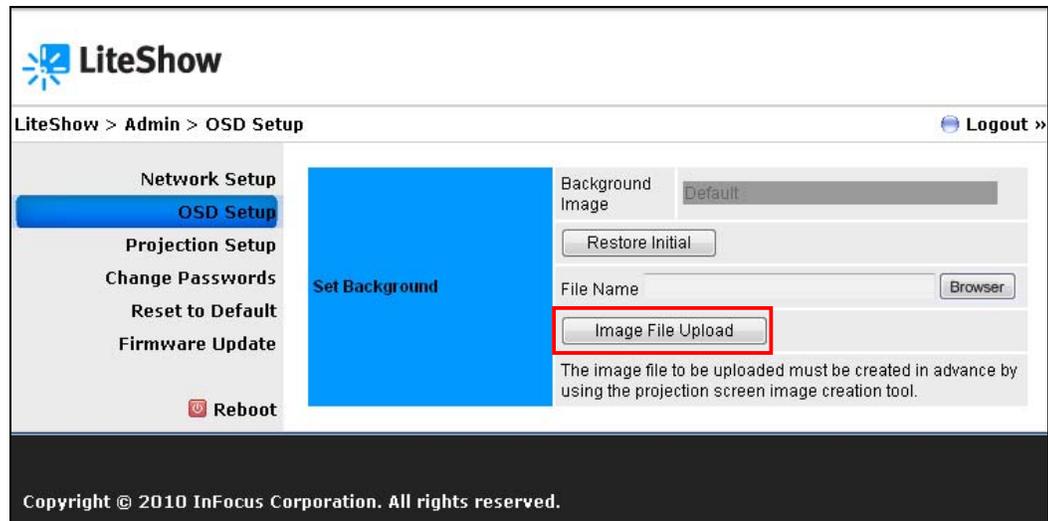


6) Login to the LiteShow Web Management webpage as an Admin User (default password = admin) and click on **OSD Setup**.

7) Click **Browser** and locate the new background image (*.ib) you just created.



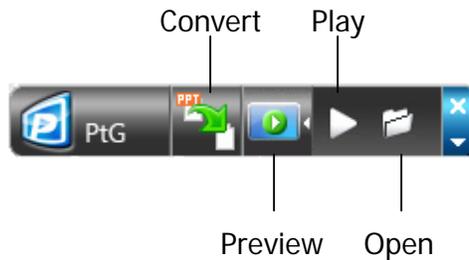
8) Click **Image File Upload** to complete the process.



The screenshot displays the LiteShow web interface for OSD Setup. The breadcrumb trail is "LiteShow > Admin > OSD Setup". A sidebar on the left contains menu items: "Network Setup", "OSD Setup" (highlighted in blue), "Projection Setup", "Change Passwords", "Reset to Default", "Firmware Update", and "Reboot". The main content area is titled "Set Background" and features a large blue square. To the right of the square are controls for the background image: a dropdown menu set to "Default", a "Restore Initial" button, a "File Name" input field with a "Browser" button, and a red-bordered "Image File Upload" button. Below these controls is a note: "The image file to be uploaded must be created in advance by using the projection screen image creation tool." The footer contains the text "Copyright © 2010 InFocus Corporation. All rights reserved."

Appendix B: Using PtG Converter

1. Download the PtG Converter.exe file from the LiteShow USB token or from the InFocus website at: www.infocus.com/support.
2. Once installed, the converter will reside in the MobiShow\MobiShow PtG Converter folder within Programs.
3. Launch the PtG Converter and the following control panel will display:



4. Click **Convert** to select and start conversion of the desired PowerPoint presentation. PtG Converter will convert the PowerPoint file to a PtG format. **Note:** Before clicking **Convert**, turn off all extended monitors. Only the primary monitor should be active to ensure proper PtG conversion.
5. After successfully converting the file, you can use any of the following controls:
 - Preview** will expand or collapse the preview pane.
 - Play** will playback the selected PtG file.
 - Open** can be used to select another PtG file.

Appendix C: LiteShow Port Map

LiteShow uses the following ports for network traffic. It may be necessary for the network administrator to configure the network to pass broadcast packets on ports 1047, 1048, and 1049 to enable the LiteShow application to correctly discover LiteShow modules on a complex network.

Socket	Direction	Usage	Port#
TCP	Client -> Device	Command	443
			3268
			389
		Data	8080
			21
			515
	Device -> Client	Video	1041
UDP	Bi-directional Broadcast	Device Discovery	1047
			1048
			1049

Appendix D: Configuring LiteShow for Specific Environments

Profiles and Menu Options allow the user/administrator to customize LiteShow startup behavior for particular situations. Here are some examples:

PC always connects to the same display

Create and save a profile for the display. Turn on Auto Profile Connect. Turn off Auto WiFi Connect, if you will access the display over your normal network connection. Use Auto Change PC Resolution to set a default action and avoid repetitive startup prompts.

PC connect to a limited number of displays

Create and save a profile for each display – use a descriptive name for each profile. Turn off Auto WiFi Connect, if you will access the display over your normal network connection. Use Auto Change PC Resolution to set a default action and avoid repetitive startup prompts.

Running LiteShow on a PC where System Folders are locked down by IT

Run LiteShow from the USB Token. From the LiteShow menu, select Copy Application to Desktop. Place the resulting LiteShow3 folder anywhere in your Documents folder structure and put a link to the LiteShow3.exe program somewhere easy to find. Then run LiteShow from that folder and configure it normally – LiteShow will store and use configuration information in the startup folder when it is not installed in the System Program Files structure.

Locking a USB Token to a specific Display

When you run LiteShow from a USB Token, it will store and use configuration information in the startup folder on the USB Token. To create a token locked to a specific display, run LiteShow from the token and follow the same steps as above for “PC always connects to the same display”. Network connect configuration will be stored on the token and applied at startup. Separate tokens can be configured for employees and guests to reflect appropriate connection strategies as defined by the administrator.

Rolling out Custom Configurations to Large Installs

Rollout using a script which invokes “LiteShow3.exe /VERYSILENT” to cause LiteShow to install without prompts and exit after install is complete. Use the same script to distribute custom wps.ini (configuration) and profile.ini (saved profiles) into the <User>\Appdata\LiteShow3 folder. Both .ini files are simple text files. Username in profile.ini, for example, can be customized by the rollout script.