SMART LINC QUICK START GUIDE

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SmartLinc Exec Configuration Software Installation:

Launch the installer by double clicking the "SmartLincExec-n.n.n.n.exe" file. The "n.n.n.n" part of the installer's filename represents the version of SmartLincExec about to be installed.

If an earlier version of SmartLincExec is already installed, it is not required that the existing version be uninstalled as the installer will update only the necessary files.

Accept all the default installation switches and folders unless you wish to place them in special locations.

After installation completes, SmartLincExec can be launched from the links created in the Start Menu (via the Start Button).

In addition, the installer creates links for:

- Putty: a diagnostic utility that LaserLinc support may used via TeamViewer to access the SmartLinc device operating system.
- WinSCP Installer: a diagnostic tool that LaserLinc support may be use via TeamViewer to access files in the SmartLinc device.
- SmartLincExec Update Tool: A tool which is used to check for and install SmartLincExec updates as well as scanner database files. Requires an internet connection.

Running SmartLincExec:

Click the SmartLincExec link in the Windows Start Menu.

Creating A Program:

All objects are created by right clicking object icons in the left pane of the application. To create a program, right click the "SmartLine Programs" container and select "New Program" from the drop down menu.



Creating A Program (continued...)

Enter the program name in the dialog box and click "Ok":

New P	rogram			×
New Pro	gram			
Name:	Test			
		/ ок	X Cancel	

Proceed to build the program by right clicking on the containers of the desired objects. For instance, to add a scanner, right click "Scanners", select the desired channel and select a unit from the lists provided or manually enter the serial number of the scanner.



Editing Object Properties:

All object property modifications are performed in the right hand pane of the "Programming" tab Clicking the desired object in the left pane displays its properties in the right detail pane. To modify an object property, double click or right click the property line in the right hand pane.

SmartLincPro (1.13.11.11)		=		- 0 X
File About				
Programming Devices				
SmartLinc Programs	Scanner_1			Show Help
a 🐌 Scanners	CATEGORY	NAME	VALUE	*
▷ ··· (▲) Scanner_1	GENERAL:			
▷ ···· ↓ Specifications		Name	Scanner_1	
Calibration Kits		Id	70000	
Encoders		Serial Number	040054	
Character Delimited Export Templates		Channel Number	1	
Fixed Column Export Templates		Model	230 Channel: 1	
		Optics	Mirro Chaonel: 2	
All Flaw Detection Schemes		Facet Count	12 Channel: 3	
UDP DataLogs		Axis Count	2 Channel: 4	
		Enabled	Yes Channel: 5	
	CALIBRATION:		Channel: 6	
		Default Calibration	<un 7<="" channel:="" td=""><td></td></un>	
		Motor Revolution Count	100 Channel: 8	
		TimeOut Seconds	10	
	EDGE CORRECTION:			
		Edge Correction	MultiFacetPERT	-
C:\Program Files\SmartLincPro				H.

Please note, some properties are fixed value and cannot be modified.

<u>Connecting the PC/Laptop to the SmartLinc Device:</u>

As delivered, the SmartLinc device's network configuration is: IP: 192.168.1.50 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.1.1

The easiest method to connect SmartLincExec to the SmartLinc device is with a USB to Ethernet adapter. Fix the IP address of the USB/Ethernet adapter to an unused address having 192.168.1 as the first 3 address values and select an unused value other than 50 and in the range 2 and 254 for the last value. To verify the selected IP is not in use, launch Windows cmd shell (cmd) and execute the "ping" command as demonstrated below. If the IP address is not being used by another device, "Request timed out" will be reported as indicated and the USB/Ethernet adapter may be safely set to the tested IP address. Press <ctrl> <c> to terminate the ping command.



If the IP address tested is being used by another device the response time in milliseconds will be displayed. In the example below, the device at 192.168.1.89 has a reported response time of 1 to 8 milliseconds. Since this IP is already assigned to another device on the 192.168.1 network, this address cannot be assigned to the USB/Ethernet adapter.



Connecting the PC/Laptop to the SmartLinc Device (continued...)

Once an unused IP address has been determined for the USB/Ethernet adapter, access the adapter's settings through Windows Control Panel, Network and Sharing Center (windows7)

8/1	1		3
Control Panel + All Con	ntrol Panel Items 🕨	✓ 4→ Search Control Panel	9
File Edit View Tools Help			
Adjust your computer's settings		View by: Small icons 🔻	
🖳 Display	I Ease of Access Center	Flash Player	
Folder Options	Fonts	🔠 Getting Started	
🜏 HomeGroup	🔒 Indexing Options	🔁 Internet Options	
لے Java	📖 Keyboard	🖾 Location and Other Sensors	
I Mouse	Network and Sharing Center	🛄 Notification Area Icons	
🛃 NVIDIA Control Panel	Parental Controls	Performance Information and Tools	
Personalization	🛄 Phone and Modem	Power Options	
去 Program Updates	Programs and Features	Q QuickTime	
P Recovery	🔊 Region and Language	RemoteApp and Desktop Connections	-

...click on the "Change adapter settings" link

8/1			
🚱 🔵 🔻 😫 « All Control Panel I	tems Network and Sharing Center	✓ Search Control Panel	٩
File Edit View Tools Help			
Control Panel Home	View your basic network information and	l set up connections	
Change adapter settings	i 📃 🗾 📭	🎱	See full map
Čhange advanced sharing settings	WANDERSON-PC Network 2 (This computer)	Internet	=
	View your active networks	Conn	ect or disconnect
See also	Network 2 Work network	Access type: Internet Connections: U Local Area Co	nnection 3
HomeGroup			
Internet Options	Change your networking settings		
Windows Firewall	Set up a new connection or network Set up a wireless broadband, dial-up, ad bo	c_or VPN connection: or set up a ro	uter or access

Connecting the PC/Laptop to the SmartLinc Device (continued...)

Right click the adapter and select "Properties"



Select "Internet Protocol Version 4 (TCP/IPv4) and click the "Properties" button

Local Area Connection 4 Properties	x
Networking Sharing	
Connect using:	
ASIX AX88772 USB2.0 to Fast Ethemet Adapter	
Configure.	
This connection uses the following items:	
 Client for Microsoft Networks Client for Microsoft Networking Driver QoS Packet Scheduler File and Printer Sharing for Microsoft Networks Internet Protocol Version 6 (TCP/IPv6) Internet Protocol Version 4 (TCP/IPv4) Internet Protocol Version 4 (TCP/IPv4) Ink-Layer Topology Discovery Mapper I/O Driver Ink-Layer Topology Discovery Responder 	
Description Transmission Control Protocol/Internet Protocol. The default	
wide area network protocol that provides communication across diverse interconnected networks.	
OK Car	ncel

<u>Connecting the PC/Laptop to the SmartLinc Device (continued...)</u>

Click the "Use the following IP address" radio button, enter the available IP address, subnet mask and default gateway as indicated below and click the "OK" button. The USB/Ethernet adapter is now ready to communicate with the SmartLinc device.

Internet Protocol Version 4 (TCP/IPv4)	Properties ?						
General							
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.							
Obtain an IP address automatical	y						
O Use the following IP address:							
IP address:	192.168.1.90						
Subnet mask:	255.255.255.0						
Default gateway:	192.168.1.1						
Obtain DNS server address autom	natically						
Output the following DNS server add	resses:						
Preferred DNS server:							
Alternate DNS server:	• • •						
Validate settings upon exit Advanced							
	Of Cancel						

If the onboard ethernet adapter of the PC/Laptop is not using the 192.168.1 metric, there are other methods of configuring the onboard adapter to have multiple IP addresses which will allow it to communicate with the SmartLinc device. However, these advanced methods sometimes fail and the dialog screens between windows versions can greatly differ further complicating the configuration. Therefore, these alternate methods are not covered in this document.

<u>Connecting the PC/Laptop to the SmartLinc Device (continued...)</u>

To verify communication between the PC/Laptop and the SmartLinc device, connect the device to 120vac power, connect a network cable from the device to the USB/Ethernet adapter and turn the device on. A short beep should be heard a few seconds after power is enabled. The unit requires about 45 seconds to boot after which the Windows "ping" command can be used to test the network connection between the USB/Ethernet adapter and the SmartLinc device.

Launch the Windows command shell (cmd). If connecting to a factory fresh device, type "ping 192.168.1.50 <enter>" else use the device's IP with the ping command. If the USB/Ethernet adapter has been properly installed and configured, all cables connected, the device is powered and booted, and the correct IP entered, the device will respond as indicated below with its response time. As before, if the device is not visible to the ping command, "address is unreachable" or "Request timed out" will be displayed. In such a case, verify the USB/Ethernet adapter is properly recognized by Windows and is "enabled" (see Network and Sharing Center link in Control Panel).



If the device's IP is unknown, SmartLincPro for Windows can be used to identify all SmartLinc devices connected the PC/Laptop.

Establishing Communication Between SmartLincPro and the SmartLinc Device:

Once Windows is able to "see" the device on the network (see previous section), communication between SmartLincExec and the SmartLinc device(s) can be established. Therefore, this procedure assumes the device is powered up and connected to the PC/Laptop's USB/Ethernet adapter.

Launch SmartLincExec and click the "Device" tab.



Select the USB/Ethernet adapter from the combo box that is connected to the SmartLinc device :



Establishing Communication Between SmartLincExec and the SmartLinc Device (continued...)

Check the "Show Devices" checkbox:

SmartLincPro (1.13.11.11)	
File About	
Programming Devices	
IPs on This Computer	Summary Description
Select IP: 192.168.1.90	Device Name Hardware Serial Numbe
Show Devices	
SmartLinc SYSTEMS	

In Windows 7, a Firewall dialog appears. Verify that both Private and Public networks are enabled. If either are disabled (not checked), SmartLincExec will fail to communicate to the device. Click the "Allow Access" button after checking both boxes.

💣 Windows Secu	rity Alert			
💮 Windo	ows Firewal	l has blocked some features of this program		
Windows Firewall h public and private	nas blocked som networks.	e features of SmartLincPro Configuration/Diagnostic Tool on all		
65	Name:	SmartLincPro Configuration/Diagnostic Tool		
	Publisher:	LaserLinc Inc, 777 Zapata Dr. Fairborn, OH 45324, 937.318.:		
	Path:	C:\program files\smartlincpro\smartlincpro.exe		
Allow SmartLincPro Configuration/Diagnostic Tool to communicate on these networks: Private networks, such as my home or work network Puplic networks, such as those in airports and coffee shops (not recommended processes these networks often have little or no security) What are the risks of allowing a program through a firewall?				
		Allow access Cancel		

In other versions of Windows, this dialog may not appear and it may be necessary to manually modify these network settings in the Firewall. Firewall settings are accessible via the Control Panel.

Establishing Communication Between SmartLincExec and the SmartLinc Device (continued...)

Once the "Show Devices" check box is checked, SmartLincExec broadcasts a UDP "tickler" every half second. Upon receiving the tickler, each SmartLinc device connected to the PC/Laptop begins sending a UDP status response once per second. The devices cease broadcasting their status response if another tickler is not received within two seconds of the previous tickler. Unchecking the "Show Devices" check box stops the tickler broadcast from SmartLincExec which subsequently causes all connected SmartLinc devices to cease broadcasting their status response.

With the "Show Devices" checked, ALL connected SmartLinc devices will appear in the left pane, regardless of IP address. In this case, there is only the single 192.168.1.50 device connected. Selecting the device displays the information contained in the UDP status response sent by the device.

SmartLincPro (1.13.11.11)	
File About	
Programming Devices	
IPs on This Computer	192.168.1.50 (Demo Device)
Select IP: 192.168.1.90 V	System Properties Scanners
Refresh	To SmartLinc 💎 From SmartLinc 💿 View 💽 Device Control
Show Devices	
SmartLinc SYSTEMS	General Properties:
	Device Name IP Address Subnet Mask Default Gateway Hdwr SN Decoder Version Firr
	Demo Device 192.168.1.50 255.255.0 192.168.1.1 000004 v1.0b 1.1.
	Program Properties:
	Name Mode Version Upload DateTime Auto Run Enabled
	Program_1 Stopped 11/01/2013 13:24:26 No
	System Status:
	TTL Data Rate Edge Rate Reference Rate Index Rate Encoder Rate Log Msg Cnt
	0 0 0 0 0 0
	Error Reports:
	Hardware For Call Duffer Commen Call 71 Die For Call
C:\Program Files\SmartLincPro	

It is important to note that all SmartLinc devices respond to the UDP tickler, regardless of IP address. Therefore, this method of identification can be used to expose the IP address of a SmartLinc device for which the IP is not known. UDP protocol communication is not IP specific.

However, it is also important to note that to issue CONTROL commands from SmartLincExec to a SmartLinc device and to receive responses to specific command requests, the IP address in the "Set IP" combo box MUST HAVE the same first three address values as that of the device. This is because the CONTROL communication interface uses TCP protocol which is IP specific. Therefore, if clicking on any of the CONTROL buttons (To SmartLinc, From SmartLInc, View, Device Control) does not produce a drop down menu, it will most likely be due to a mismatch of the first three address values of the device IP and the IP address selected in the combo box. To remedy this, one must either connect the device to a different adapter having the matching metric or manually change the IP of the connected adapter using ControlPanel -> Network and Sharing Center (windows7).

Establishing Communication Between SmartLincExec and the SmartLinc Device (continued...)

As received from LaserLinc, the SmartLinc device has a default program already installed. The unit is configured to be in "Stopped" mode on startup (see the Auto Run Enabled property in the above image). Hence, the device icon displayed in the left pane will have a blinking red dot. Once the processing is started, either by setting the device's AutoRun feature to true, or manually starting it from the "Device Control" button, a solid green dot will appear on the device icon indicating the device is actively processing scanner input.



Preparing a Program for Upload to the SmartLinc Device:

A valid program must contain certain essential elements. A minimum program configuration requires:

- One Scanner. Each scanner defined requires:
 - a calibration kit with two pin sizes
 - an averaging method
 - one measurement

To check if a program is valid before uploading, in the "Programming" tab, right click the program and select "Validate Program".

SmartLincPro (1.13.11.11)		\Leftrightarrow		x
File About				
Programming Devices				
SmartLinc Programs	Test		Show Help]
Rename	CATEGORY	NAME	VALUE	*
Delete	GENERAL:			
		Name	Test	
Save Archive		Id	240004	
Validate Program		Description	<blank></blank>	
ے اللہ اللہ Calibration Kits	VERSIONING:			
Calibration_1		Version	<blank></blank>	
	ORDINAL STATUS VALUES:			
a 🐌 Averaging Methods		Blocked Beam	-1111	
AveragingMethod_1		No Scan	-2222	
Character Delimited Export Templates		Empty Window	-3333	
Fixed Column Export Templates		Too Many	-4444	
All Flaw Detection Schemes		Too Few	-5555	
IDP Datalogs		Index Error	-6666	
		Missing Calibration	-7777	Ŧ
C:\Program Files\SmartLincPro				

Warnings and errors, if present are displayed in a panel at the bottom of the application. In this example, a calibration has not been assigned to the scanner.

SmartLincPro (1.13.11.11)	2					x
File About	-0					
Programming Devices						
SmartLinc Programs		-	Scanner_1		Show He	.lp
a 🐌 Scanners			CATEGORY	NAME	VALUE	
⊿ 🗠 🙆 Scanner_1				Optics	Mirror	
a 🐌 Measurement	s	=		Facet Count	12	
G ⁺ Measuren	nent_1			Axis Count	2	
Flaw Detection	n Schemes			Enabled	Yes	
A			CALIBRATION:			
				Default Calibration	<unassigned></unassigned>	
				Motor Revolution Count	1000 (12000 Scans)	
🛛 🕒 Averaging Methods		-		TimeOut Seconds	10	-
			L			
C:\Program Files\SmartLincPro						
"Test" Validation Report						8
Name Obj	ject Class		Description			
1 Scanner_1 Scanne	r Warning	Calibration r	not assigned			
2 Scanner_1.Measurement_1 Measur	ement Error	Missing calib	ration. Assign calibration for scanner "So	anner_1" or this measurement		

Preparing a Program for Upload to the SmartLinc Device(continued...)

If any warnings or errors are identified, the first offending object is automatically selected in the left explorer pane and the offending property is highlighted in the right detail pane. See previous image having Scanner_1 object selected and Default Calibration property highlighted. Clicking on each Warning/Error in the Validation Report panel will select each object/property for modification.

<u>Uploading a Program to the SmartLinc Device:</u>

- Connect to the SmartLinc device (see previous topic "Establishing Communication Between SmartLinkExec and the SmartLink Device"
- Select the device in the left explorer pane.
- Click the "To SmartLinc" button and select "Program" from the drop down menu.

SmartLincPro (1.13.11.11)	
File About	
Programming Devices	
IPs on This Computer Select IP: 192.168.1.90 Refresh Show Devices SmartLinc SYSTEMS	192.168.1.50 (Demo Device) System Properties Scanners To SmartLinc From SmartLinc View Device Control Ge Device Properties
▶ - 🗐 192.168.1.50 (Demo Device)	Dev Set Date and Time ask Default Gateway Hdwr SN Decoder Version Firmware Ver Dem Firmware 5.0 192.168.1.1 000004 v1.0b 1.13.10.30 Pr Decoder
	Name Mode Version Upload DateTime Auto Run Enabled Test Stopped 11/12/2013 16:16:14 No
	TTL Data Rate Edge Rate Reference Rate Index Rate Encoder Rate Log Msg Cnt
	Error Reports:
C:\Program Files\SmartLincPro	

Select the desired program and click the "Upload" button.

load Program To	p:192.168.1.50
Current Configura	tion For 192.168.1.50
Program Name:	Test
Version:	
ast Uploaded On:	11/12/2013 16:16:14
Select For Upload	
Select Progr	am:
<unassigned></unassigned>	
Test	
Selected Prog	ram:
Test	

<u>Uploading a Program to the SmartLinc Device (continued)...</u>

Upon clicking the "Upload" button, SmartLincExec performs a validation of the program. If any errors are present, the Programming tab will be automatically selected, the Validation Report displayed and the offending property selected.

Uploading a valid program usually takes only a few seconds. A message box is displayed indicating success/failure.

Scanner Calibration:

Overview:

- Every scanner must be calibrated before it can generate measurements.
- Each scanner is uniquely identified by its serial number (SN).
- Calibration data, identified by scanner SN and pin diameter is permanently stored in the SmartLinc device after calibration. Therefore, once calibrated, the device does not require recalibration unless the scanner is refurbished, the device electronics/firmware are replaced/updated, or the calibration pin diameters have been modified.
- Calibration is interactively performed using SmartLincExec. The pins of the selected calibration are presented in the order in which they appear in their configuration as viewed in right hand property detail pane of the Programming tab.

Calibration Procedure:

This procedure assumes the currently loaded program has been configured with the correct scanners, the scanners have been connected to the correct cable connectors on the SmartLinc device, the scanners are powered up, and SmartLincExec is connected and communicating with the device.

From the "Devices" tab, select the program in the left explorer pane containing the scanner(s) requiring calibration.

SmartLincPro (1.13.11.11)	1 To
File About	
Programming Devices	-
IPs on This Computer	192.168.1.50 (Demo Device)
Select IP: 192.168.1.90 💌	System Properties Scanners
Refresh	To SmartLinc 👎 From SmartLinc
Show Devices	
SmartLinc SYSTEMS	General Properties:
[Device Name IP Address Subnet Ma:
	Demo Device 192.168.1.50 255.255.255
	Program Properties:
	Name Mode Version Upload Date
	The second secon

Scanner Calibration (continued...)

Calibration Procedure (continued)

Click the "Scanners" tab in the right pane, select the desired scanner and click the "Calibrate" button. In this example, there is only one scanner from which to select.

SmartLincPro (1.13.11.11)					
File About					
Programming Devices					
IPs on This Computer	192.168.1.50 (Demo Device)				
Select IP: 192.168.1.90 V	System Properties Scanners				
Refresh	Scanners				
Show Devices					
SmartLinc SYSTEMS	Channel Name Serial Number	Model	Optics	Axis Cnt	GlassLogicEnabled
192.100.1.50 (Demo Device)	1 Scanner_1 040024	230	Mirror	2	-

From the "Select Calibration" dialog, select the desired scanner and the calibration set from the grid and click the "Next" button.

Sc	anner Calibr	ation	-									
	Calibrate S	canner										
	Select Ca	alibration:								x	Y	z
	ScannerSN	ScannerName	MsrmtName	CalKitName	Diameter Pin1	CalDateTime Pin1	Diameter Pin2	CalDateTime Pin2	١.			
	040024	Scanner_1		Calibration_1	0.5	<none date="" to=""></none>	0.75	<none date="" to=""></none>				
-									-11			
				Nex	t 🔁 🗙	Cancel						
					NJ						_	

With no pin in the field, the position indicators on the right will display all red.

Scanner Calibration			×
Calibrate Scanner			
Scanner: Scanner 1(040024)	x	Y	Z
Calibration: Calibration_1			
Insert Pin #1: 0.5			
Calibration Date:Time Last Calibrated From IP: <nonetodate> <unknown></unknown></nonetodate>			
Start X Abort SKIP			d

Scanner Calibration (continued...)

Calibration Procedure (continued)

Insert the indicated pin into the scanner field. If within the window boundaries, a green bar representing the diameter of the pin will be positioned relative to the window edges for each axis. If the pin bridges a window edge, the bar will display red. Locate the pin such that it is in the desired position (which may not necessarily be the center of each axis) and click the "Start" button.

Scanner Calibration				
Calibrate Scanne	r I	-1		
		x	Y	z
Scanner:	Scanner_1(040024)			
Calibration:	Calibration_1			
Inse	rt Pin #1: 0.5			
Calibration Dat	e:Time Last Calibrated From IP:			
<nonetodate></nonetodate>	<unknown></unknown>			
Start	SKIP SKIP			

As the device is collecting scanner data, the calibration dialog updates the progress bar.

Scanner Calibration			
Calibrate Scanner			
	x	Y	z
Scanner: Scanner_1(040024)			
Calibration: Calibration_1			
Insert Pin #1: 0.5			
Calibration Date:Time Last Calibrated From IP:			
<nonetodate> <unknown></unknown></nonetodate>			
Start SKIP			
Click "Abort" to exit calibration			

(continued)

Scanner Calibration (continued...)

Calibration Procedure (continued)

Upon completion, the position indicators turn gray and the status bar indicates the next action to be taken. Click the "Next" button to advance to the second pin.

Scanner Calibration	and the second sec			×
Calibrate Scanne	r			
Scanner:	Scanner_1(040024)	x	Y	z
Calibration:	Calibration_1			
Inse	rt Pin #1: 0.5			
Calibration Dat	e:Time Last Calibrated From IP:			
<nonetodate></nonetodate>	<unknown></unknown>			
Next	Abort SKIP			
Click "Next" for seco	nd pin or "Cancel" to quit			

Repeat the same procedure for the second pin as the first. Upon completion, click "Save Calibration" to have the SmartLinc device save the calibration data. Note, the calibration data is recorded on the SmartLinc device and not to the PC/Laptop.

Calibration Status Scanner: Scanner_1(040024) CalKit Name: Calibration_1 Pin1: 0.5 OK Pin2: 0.75 OK	С	ALIBRATION COMPLETE	x	Y	z
Scanner: Scanner_1(040024) CalKit Name: Calibration_1 Pin1: 0.5 OK	Calibratio	n Status			
Calkit Name: Calibration_1 Pin1: 0.5 OK Pin2: 0.75 OK	Scanner	Scanner_1(040024)			
Pin1: 0.5 OK	CalKit Name	Calibration_1			
Pin2* 0.75	Pin1	0.5 OK			
	Pin2	0.75 OK			
Click "Save Calibration" to permanently save the calibration results					

After saving the calibration data, one can choose to start processing or have it remain in Stopped state. If still testing the program, or there are more scanners to calibrate or more program changes to make, click "No". If the program is ready to run and process scanner data, click "Yes"

CCES	SS					<u> </u>
	Calibrat	ion Values Su	ccessfully	Saved! Sta	art Process	ing (Y/N)?
				Ye	s	No

Viewing Scanner Measurements:

While the SmartLinc device is in "stopped" mode, scanner measurements are not included in the UDP status broadcasts that are sent in response to the tickler broadcasts of SmartLincExec. Therefore, to view scanner measurements, processing must be started and by placing the device into "RunEnabled" mode.

To start processing using the currently installed program, select the "Devices" tab, select the desired device in the left explorer tree, select the "System Properties" tab in the right pane, click the "Device Control" button and select "Start Processing". Click the "Yes" button when the confirmation dialog appears.

SmartLincPro (1.13.11.11)		٢
File About		
Programming Devices		
IPs on This Computer Select IP: 192.168.1.90	192.168.1.50 (Demo Device) System Properties Scanners	
Show Devices	To SmartLinc From SmartLinc View Stop Processing General Properties: Start Processing	_
SmartLinc SYSTEMS	Device Name IP Address Subnet Mask Default Gateway Hdwr S Demo Device 192 168 1 50 255 255 0 192 168 1 1 000004 Restart Device (reboot) 112	
	Program Properties: Restart Device (soft from fault)	=
	Name Mode Version Upload DateTime Auto Run Enabled Test Stopped 11/12/2013 16:16:14 No Release Device Control	
	System Status:	
	39877 31902 7975 0 0 0	-
C:\Program Files\SmartLincPro		

The device icon in the left pane explorer tree will change from having a blinking red dot (indicating stopped mode), to a solid green dot. In the right pane, select the "Scanner" tab and click on the scanner for which measurements are to be viewed. Values are updated once per second.

SmartLincPro (1.13.11.11)								
File About								
Programming Devices								
Programming Devices IPs on This Computer Select IP: 192.168.1.50 (Demo Device) System Properties Scanners Schert ID: Scanners Show Devices Image: Channel Name Serial Number Model Optics Axis Cnt GlassLogicEnabled Index Err NoScans Err Scan Rate Edg Scanner_1 040024 230 Mirror 2 Scanner_1 Measurements Decimals: 4								Edge Rate
	Measurement_1 AvgDiame	eter XY -	0.7500	-	-			
C:\Program Files\SmartLincPro								