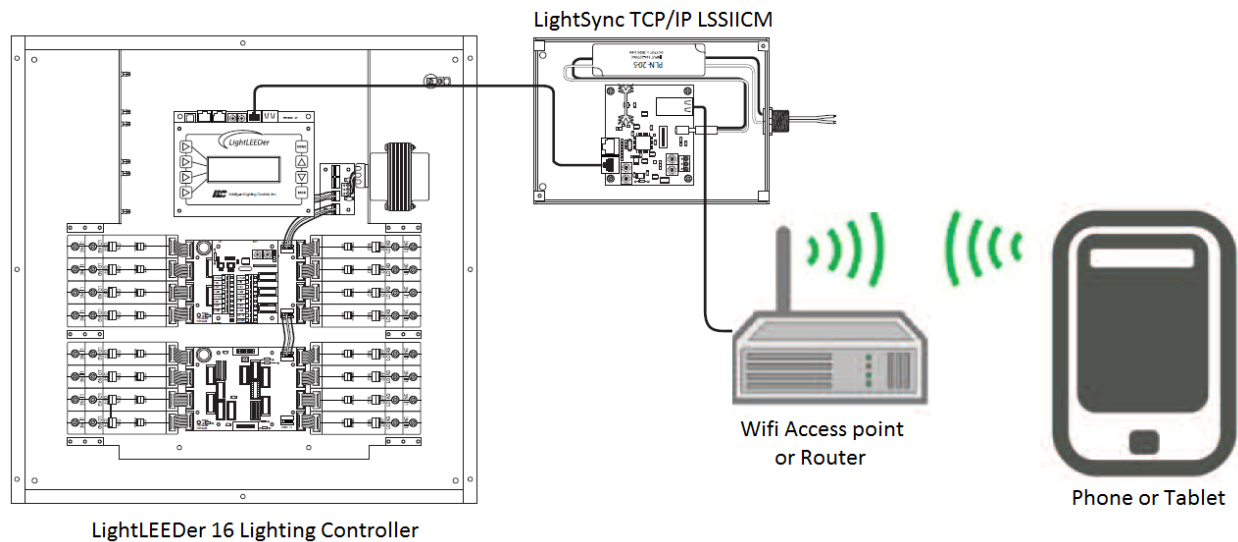


LightSync TCP/IP LSSIICM Interface Installation



Example Installation:

When installing the LightSync Wifi interface module, first verify a location where all the required connections can be made and the device is accessible for possible adjustment or maintenance. Verify that a building LAN connection or Wifi Router can be located nearby for creating the wireless link to the customer's smart phone or tablet utilizing the ILC Mobile Link Wifi App.

- Install the NEMA-1 enclosure in an indoor location
- Connect 120VAC power to the provided power supply
- Install a CAT-5e data cable from the out port of the LightLEEDer panel to the "IN" port of the LSSIICM
- Set the LightSync device address (Base address)
- Set the dip switches for the address count settings (See PD0622A)
- Verify that the LightLEEDer panel can read the LSSCCIM device using the Diagnostic Tool in the LightLEEDer-Pro software or at the panel keypad
- Connect a CAT-5e data cable from the building LAN or Wifi router to the TCP/IP port on the LSSIICM
- Setup the TCP-IP port on the LSSIICM for the LAN network or Router/Access point address (See page 2 and 3)
- Verify the Modbus configuration within the Lantronix XPort, this will be factory set
- Download the Mobile LightSync Link Wifi App from the Google Play Store or Apple App Store
- Configure and test the Mobile LightSync Link Wifi App with your system



TCP/IP port Settings:

The standard setting for the Lantronix XPort TCP/IP interface are shown below

Network

Server

Serial Tunnel

Hostlist

Channel 1

Serial Settings

Connection

Email

Trigger 1

Trigger 2

Trigger 3

Configurable Pins

Apply Settings

Apply Defaults

Network Mode:

IP Configuration

Obtain IP address automatically

Auto Configuration Methods

BOOTP: Enable Disable

DHCP: Enable Disable

AutoIP: Enable Disable

DHCP Host Name:

Use the following IP configuration:

IP Address:

Subnet Mask:

Default Gateway:

DNS Server:

Ethernet Configuration

Auto Negotiate

Speed: 100 Mbps 10 Mbps

Duplex: Full Half

Lantronix Network Settings

Connection Settings

Channel 1

Connect Protocol

Protocol:

Connect Mode

Passive Connection:

Accept Incoming:

Password Required: Yes No

Password:

Modem Escape Sequence Pass Through: Yes No

Active Connection:

Active Connect:

Start Character: (In Hex)

Modem Mode:

Show IP Address After RING: Yes No

Endpoint Configuration:

Local Port:

Remote Port:

Remote Host:

Auto increment for active connect

Common Options:

Telnet Com Port Cntrl:

Terminal Name:

Use Hostlist: Yes No

Connect Response:

LED:

Disconnect Mode

On Mdm_Ctrl_In Drop: Yes No

Hard Disconnect: Yes No

Check EOT(Ctrl-D): Yes No

Inactivity Timeout: : (mins : secs)

Connection Settings



Serial Settings

Channel 1

Disable Serial Port

Port Settings

Protocol: RS232 Flow Control: None

Baud Rate: 38400 Data Bits: 8 Parity: None Stop Bits: 1

Pack Control

Enable Packing

Idle Gap Time: 12 msec

Match 2 Byte Sequence: Yes No Send Frame Immediate: Yes No

Match Bytes: 0x00 0x00 Send Trailing Bytes: None One Two
(Hex)

Flush Mode

Flush Input Buffer **Flush Output Buffer**

With Active Connect: Yes No With Active Connect: Yes No

With Passive Connect: Yes No With Passive Connect: Yes No

At Time of Disconnect: Yes No At Time of Disconnect: Yes No

Modbus Serial Settings

You can use ModScan 32 test software to verify operation of the TCP/IP ports communication

Connection Details

Connect Using: Remote modbusTCP Server

IP Address: 192.168.1.24

Service Port: 502

Configuration

Baud Rate: 38400

Word Length: 7

Parity: NONE

Stop Bits: 2

Hardware Flow Control

Wait for DSR from slave

Wait for CTS from slave

DTR Control: Disable

RTS Control: Disable

Delay: 0 ms after RTS before transmitting first character

Delay: 0 ms after last character before releasing RTS

Protocol Selections

OK Cancel

ModScan 32 settings

