Operating Instructions

This sheet provides brief operating instructions of the EN01 type module. For details, Please refer to the User's Operation Manual.

• Dimensions:

Unit: mm(1inch=25.4mm)





Mounting:



• Wiring:



A quick-blowing fuse, circuit-breaker or circuit protector.Surge absorber.

Communication (product EN01):



Verification Check: If powered up correctly, the EN01 Evaluation Board power LED indicator lights red and remains on.

• Install Device Installer:

- 1. Select dotnetfx.exe and Run.
- 2. Select XPortInstallerSetup.msi and Run.
- 3. Select red32bit_3.0.0.2.exe and Run.

Note: After you complete the installation, Please restart your Computer.

• Configure:

You can use Local area network or Ethernet to Configure this module. In the Ethernet this module need to have the IP address that can visit; You can obtain the IP address through the Network address Translation or The manager of the Ethernet. In the Local area network, please be sure to follow the procedures given below.

1. Click Start in the Windows Taskbar, \rightarrow Programs \rightarrow XPortInstaller \rightarrow XPortInstaller.

2. Click the **Search** icon Search and choose it.

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Search Ass	ign IP Ping	Update	- 🐨 🔇	📄 🍕 Inet Web				
Туре	Name	Group	IP Address	Hardware Ad	dress S E] Device		
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ype (unknown)			10, 128, 17,	5 00-20-4 A -86	-A8-BE 0:	Firmware Type	X2	
			10. 128. 17.	5 00-20-4 A -86	-A8-BE 0:	Firmware Type Firmware Version	X2 1.80	

a. Hardware Address

The format: 00-20-4A-XX-XX, where the XXs are unique numbers assigned to the product.

b. IP Address

Your EN01 must have a unique IP address on your network. The systems administrator generally provides the IP address, subnet mask, and gateway. The IP address must be within a valid range, unique to your network, and in the same subnet as your PC. The format: 0.0.0.0 (e.g. 10.128.19.119).



🦠 Assign IP Address	×	🗞 Assign IP Address	<u>×</u>
Hardware Address: (e.g. 00-20-4A-14-01-18) 00-20-4A-88-A8-BE IP Address to assign: (decimal dot notation) 10.128.17.5	OK Cancel	Hardware Address: (e.g. 00-20-4A-14-01: 00-20-4A-86-A8-BE IP Address to assign: (decimal dot not 0.0.0.0	OK
Click the Assign IP the IP address Format and click Note: Enter the IP address Form window displays in your window. 4. Click the Search icon	OK nat: 0.0.0.0, Click OK. Wait for Click OK.	 Enter Adding 0.0.0 The requested a 	ddress is not valid in its context
Lantronix XPort Installer 3.2 File Edit View Action Device Hel Search Assign IP Ping Update Type Name Group (unknown)	v Upgrade Telnet Web	S Device Firmware Type X2 Firmware Version 1.80 Froduct Type (unknown) Email Hotification	

5. Click the **Ping** icon $\operatorname{Ping} \rightarrow \operatorname{Ping}$ button. The results display in the Status area, make sure the unit is properly attached to the network and that the IP address assigned is valid for the particular network segment you are working with. Click the **Close** button



6. Click **Ports** .Rework the **Baud Rate member**, **Data Bits member**, **Stop Bits member**, But make sure these members accord with the Main type module. Write down the **Local Port member:10001**; When you are finished click **OK**. Click the **Update Settings** button to save your settings.

Note1: We recommend Baud Rate: 19200; Data Bits: 8; Stop Bits: 1; Parity bit: no parity.

Note2: When you click the **Update Settings** button to save your settings,the "status:**online**" will turn to "status:**busy**"; Wait for 5 Sec. the "status:**busy**" will turn to "status:**online**". After this you are **configuring** successful



7.Click Start in the Windows Taskbar, \rightarrow Programs \rightarrow lantronix \rightarrow Redirector \rightarrow Configuration. Click Com Setup button \rightarrow A Port Setup dialog box displays \rightarrow Click all the logical ports to which the PC will be redirected.

	🔁 Com Setup	
Lantronix Redirector Configuration	Redirected Ports	
Port Configuration	Com1 Com11 Com21	
Advanced Redirect DOM3 To:	Com3 Com13 Com23	ОК
Com Setup Move Down Click Com Setu	up □ Com4 □ Com14 □ Com24	
Silent Mode	Com5 Com15 Com25	Cancel
	Com6 Com16 Com26	
Port Settings Web Configuration Eemove	Com7 Com17 Com27	
	Com8 Com18 Com28	
Status: Idie	🗖 Com9 🗖 Com19 🗖 Com29	
	🔽 Com10 🔽 Com20 🔲 Com30	
Disconnect Help Save Close		

Note: The Host member is the Automation obtain IP to your unit (e.g. 10.128.19.119) ;The TCPPort member is the **Local Port member: 10001**

IP Service Setup	×	IP Service Setup	×
Host: 10.128.19.119		Host: 10.128.19.119 TCPPort: 10001	
OK Cancel		OK Cancel	
		 Enter the Local Part member and aliak	`

Enter the hardware address

Enter the Local Port member and click OK

9.Click Port Setting button. Choose the Raw Mode option and click OK

Port Settings	×
Timeout Reconnect	Force v2 Protocol
Server Reconnect	🗖 No Net Close
Inband Listen	🔽 Raw Mode
7 Connection Timeout	0 Reconnect Limit
OK Cano	cel <u>H</u> elp

10. To hide the pop-up window, check **Silent Mode** on the Com Port Redirector Configuration window.

🔁 Lantronix B	edirector Configuration	_ 🗆 🗙
Advanced Com Setup	Port Configuration Redirect COM3 To: 10.128.19.119.10001	Move Up Move Down Add IP
Chabury July	Port Settings Web Configuration	<u>R</u> emove
Status: Idle	Disconnect Help Save Close	

11. Click Save button and Closed

Note: After completing this **Configure**, you can Link

and control your product.Choose:Baud Rate: 19200; Data Bits: 8; Stop Bits: 1; Parity bit: no parity. Choose the Com port and click Link button.

Link			×
Com Port			
○ Com1 ○	Com2 💿 Com	3 Com4	
Baud Rate			
○ 9600 · •	19200 🔿 3840	0 0 57600	
Data Format	-Parity bits	-Stop bits-	
C 7 bits	© Even	• 1 bits	2
	Odd		
8 bits	• None	O 2 bits	
Link U	nlink Defau	ilt Close	

