

IP address configuration:

By default, we have fixed a static IP address in your Volfoni device:

<u>IP address</u>: 192.168.2.150 <u>Subnet Mask</u>: 255.255.255.0

It is possible to change this address and to fix your own IP address in order to use your Volfoni device remotely with other equipment on the same network. You'll find just below the steps to do that:

1/ First, you must disable the WIFI access on your computer.



2/ After, you must set the local network of your computer.

At the level of the local network connection icon, make a right click on the mouse and select "Properties".

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3/ Go on "Internet Protocol (TCP/IPv4)" and select "Properties".



4/ Select the option "Use the following IP address".

Now, you must fix a static IP address for your computer.

Enter an IP address like: 192.168.2.xxx and the Subnet Mask: 255.255.255.0.

Be careful, do not use the IP address 192.168.2.150 because it's the static IP address of the Volfoni device Click on "OK" to validate these settings.

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🔋 Pro	priétés de Connexion au réseau loca	
Gesti	on de réseau	
9		
	Propriétés de : Protocole Internet ver	sion 4 (TCP/IPv4)
	Général	
d T	Les paramètres IP peuvent être déte réseau le permet. Sinon, vous devez appropriés à votre administrateur ré	erminés automatiquement si votre : demander les paramètres IP seau.
	Obtenir une adresse IP automa	tiquement
	• Utiliser l'adresse IP suivante : -	
	Adresse IP :	192.168.2.xxx
	Masque de sous-réseau :	255 . 255 . 255 . 0
	Passerelle par défaut :	•••
	Obtenir les adresses des servei	urs DNS automatiquement
	O Utiliser l'adresse de serveur DN:	S suivante :
	Serveur DNS préféré :	
	Serveur DNS auxiliaire :	
	🔲 Valider les paramètres en quitt	ant Avancé
		OK Annuler

5/ Connect the computer and the Volfoni device with a straight Ethernet cable (RJ45 connector).

6/ Power ON the Volfoni device and wait about 30 seconds.

7/ Runtheprogram « DeviceInstaller » in order to detect the NOC. (Software Link: here).

When the NOC is detected, the IP address is assigned to it in the left window:



Be careful, the IP address of the Volfoni device must be in the same subnet that your network configuration.

8/ Click on the tab «Web Configuration », then 🔁

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9/ By default, there is no "Username" and "Password."



Sécurité de Windo	ws
Le serveur 192. un mot de pas	168.1.154 à l'adresse (null) requiert un nom d'utilisateur et se.
Avertissement mot de passe s base sans conr	ce serveur requiert que votre nom d'utilisateur et votre oient envoyés de façon non sécurisée (authentification de exion sécurisée).
	Nom d'utilisateur Mot de passe Mémoriser ces informations
	OK Annuler

10/ The LANTRONIX - XPORT window will open.

Select in the left tab « Channel 1 » the parameter « Serial Setting ».

	Se	erial Settings
Network		
Server	Channel 1	
Serial Tunnel Hostlist	Disable Serial Port	
Channel 1	Port Settings	
Serial Settings	Protocol: RS232 -	Flow Control: None
Email Trigger 1	Baud Rate: 57600 Data Bits: 8	3 ▼ Parity: None Stop Bits: 1 ▼
Trigger 2	Pack Control	
I rigger 3	Enable Packing	
Apply Soffings	Idle One Times 12 man	
Apply Settings	Idle Gap Time. 12 msec +	
Apply Defaults	Match 2 Byte Sequence: O Yes O No	Send Frame Immediate: 🔵 Yes 🍥 No
	Match Bytes: 0x00 0x00 (Hex)	Send Trailing Bytes: 🔘 None 🔵 One 🔘 Two
	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
		ОК

Modify the « Baud Rate » to 57600 and click « OK ».

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11/ Select "Network" in the menu bar on the left.



You can change the IP address here.

Be careful to choose an IP address for the Volfoni device in the same subnet than your equipment.



Click on "*OK*" to validate these changes.

The message "Done!" appears to indicate that the action has been taken account.

cure/ltx_conf.htm	aduire ? Traduire Non	୍ଲ =
Voulez-vous la t	aduire ? Traduire Non	
		Options - ×
	Firmware Version: V6.8.0.2 MAC Address: 00-20-4A-EC-E5-06	
DHCP Host Name:	SmartCrystalCine	Í
Use the following I	configuration:	
IP Address:	192.168.2.150	
Subnet Mask:	255.255.255.0	
Default Gateway:	0.0.0.0	[
DNS Server:	0.0.0.0	
uration		
Auto Negotiate		=
Speed:	🖲 100 Mbps 💿 10 Mbps	
Duplex:	© Full ◯ Half	
	OK Done!	
	DHCP Host Name: Use the following IP IP Address: Subnet Mask: Default Gateway: DNS Server: Juration Auto Negotiate Speed: Duplex:	

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12/ Select the left tab "Connection".

- Enter "30" secs in the "Inactivity Timeout:"
- Then click "OK".

☆	Connection Settings		
Network			
Server	Channel 1		
Serial Tunnel	Connect Protocol		
Channel 1	Protocol: TCP -		
Serial Settings			
Connection	Connect Mode		
Email Triagor 1	Passive Connection: Active Connection:		
Trigger 2	Accept Yes Active Connect None		
Trigger 3			
Configurable Pins	Required: Yes No Start Character: 0x		
Apply Settings	Password: Moder Mode: None		
Apply Defaults	Nodem Registre		
	Pass Through: Yes No Show IP Address After RING: Yes No		
	Endpoint Configuration:		
	Local Port: 10001		
	Pemete Part 0		
	Remote Poil 0 Remote Host 0.0.0		
	Common Ontions:		
	Teinet Com Port		
	Cntrl: Disable Connect Response: None		
	Terminal Use Yes O Yes No LED: Blink -		
	Name: Hostilst		
	Disconnect Mode		
	On Mdm_Ctri_in O Yes No Hard Disconnect Yes No		
	Check EOT(Ctrl-D): O Yes O No Inactivity Timeout: 0 : 30 (mins : secs)		
	OK		

13/ Select the left tab « Configurable Pins ».

work	Configur	able Pin Settings	
ver ial Tunnel CP	Function	Direction	Active Level
ostlist 0	General Purpose I/O	Input Output	🖲 Low 🔘 High
erial Settings 1	General Purpose I/O 🔹	Input Output	🖲 Low 🔘 High
ail 2	General Purpose I/O	Input Output	🖲 Low 🔘 High
igger 1 igger 2 igger 3 Ifigurable Pins		ОК	

Verify if « CP1 » is configured in « General Purpose I/O » and « Input ».

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14/ Select "*Apply Settings*" in the menu bar on the left.

Wait until the end of the loading.

Lantronix device reboots automatically and returns you to the main page.

The device is now configured correctly.

Close this window and disconnect the Ethernet cable between the Volfoni device and the computer.

🕒 Lantronix XPort Device Sei 🗴 📃		3
← → C [] 192.168.2.150 /secure/lbt_conf.htm	5	=
Image: Setting and the setting of	Options -	×
Firmware Version: V6.8.0.2 MAC Address: 00-20 4A:EC:E5:06		
Network Server Please wait while the configuration is saved Tendel Sorial Sellings Connection Email Connection Trager 1 Trager 3 Configurable Pins Apply Defaults		c

15/ If you have several Volfoni devices, you must repeat the steps 5 to 12 and choose one different IP address for each unit.

COMMUNICATION PROTOCOL

Each command is based on a string followed by a line feed <LF> ASCII character (0x0A).

An acknowledgment is sent by the Volfoni device after each command is received. This acknowledgment consists of the string "ACK" + <LF> if the command has been understood. Otherwise, the string "NACK" + <LF> is sent.

For command with response, after the acknowledgment, the response is sent by the Volfoni device. The response is also based on a string followed by a line feed <LF> ASCII character (0x0A).

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Network Operations Center



Commands list:

2DMODE

Description : go to 2D Mode Acknowledgment : ACK / NACK Response : Not applicable

3DMODE

Description : go to 3D Mode Acknowledgment : ACK / NACK Response : Not applicable

Remarks:

We do not have any documentation available regarding how to create "Macros" on servers. You have to approach your supplier.

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