




EMERSON XC PRO Controller Bios Update User Manual

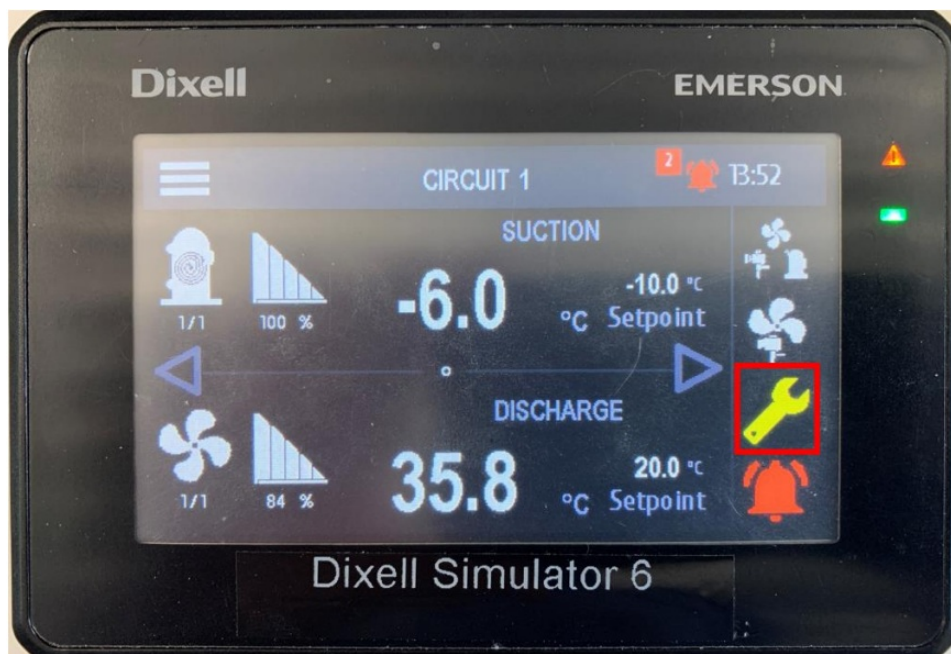
[Home](#) » [Emerson](#) » EMERSON XC PRO Controller Bios Update User Manual 

Contents

- 1 EMERSON XC PRO Controller Bios Update
- 2 Connect laptop to controller
- 3 Load empty application
- 4 Load new BIOS
- 5 DISCLAIMER
- 6 Documents / Resources
 - 6.1 References



EMERSON XC PRO Controller Bios Update



Connect laptop to controller

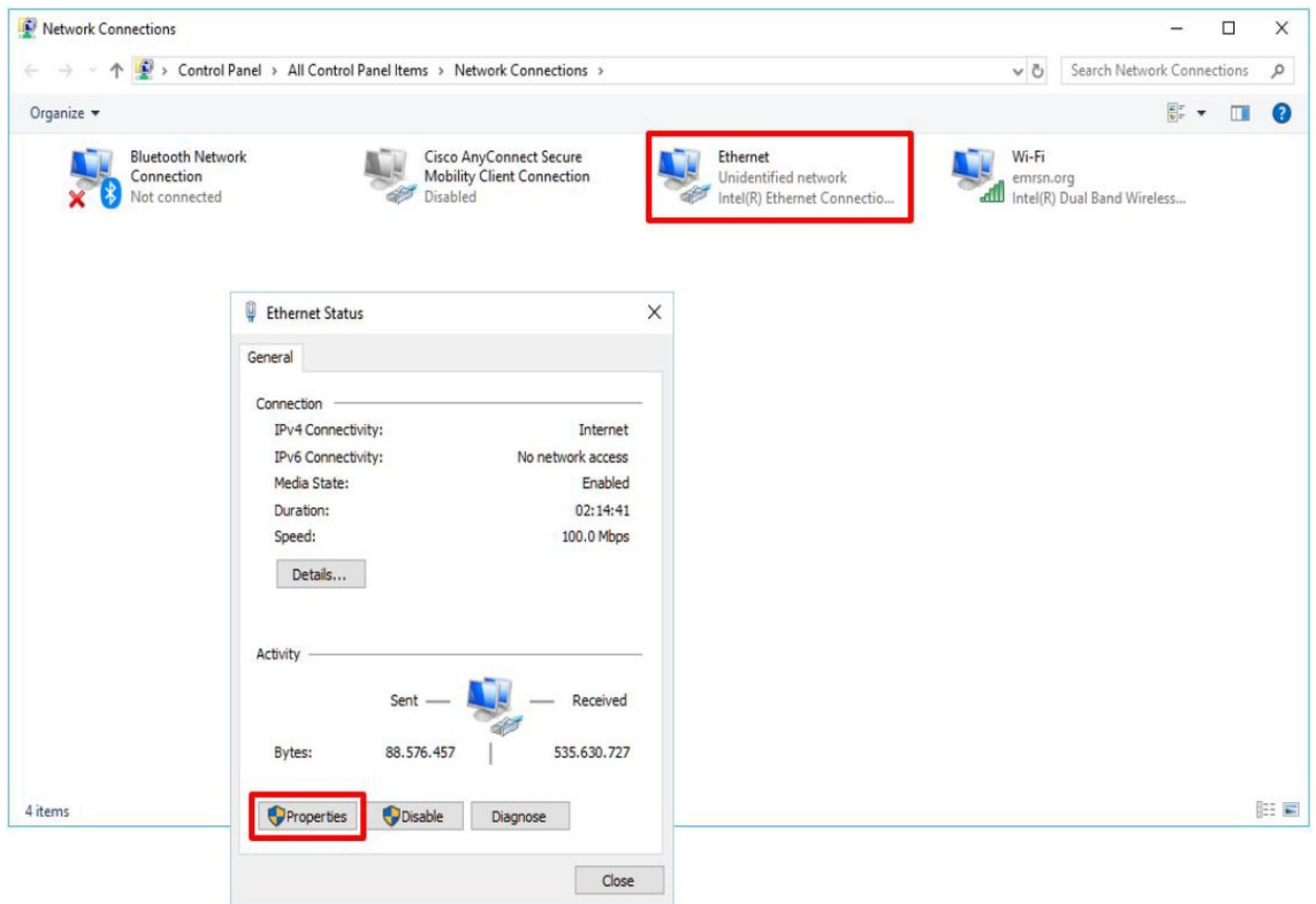
Identify the IP address of the controller.

Go to the "Service" menu on the Visotouch display connected to the controller (yellow wrench icon) → Scroll down to "Conf IP & MDB Management" → The IP address is shown in this menu.

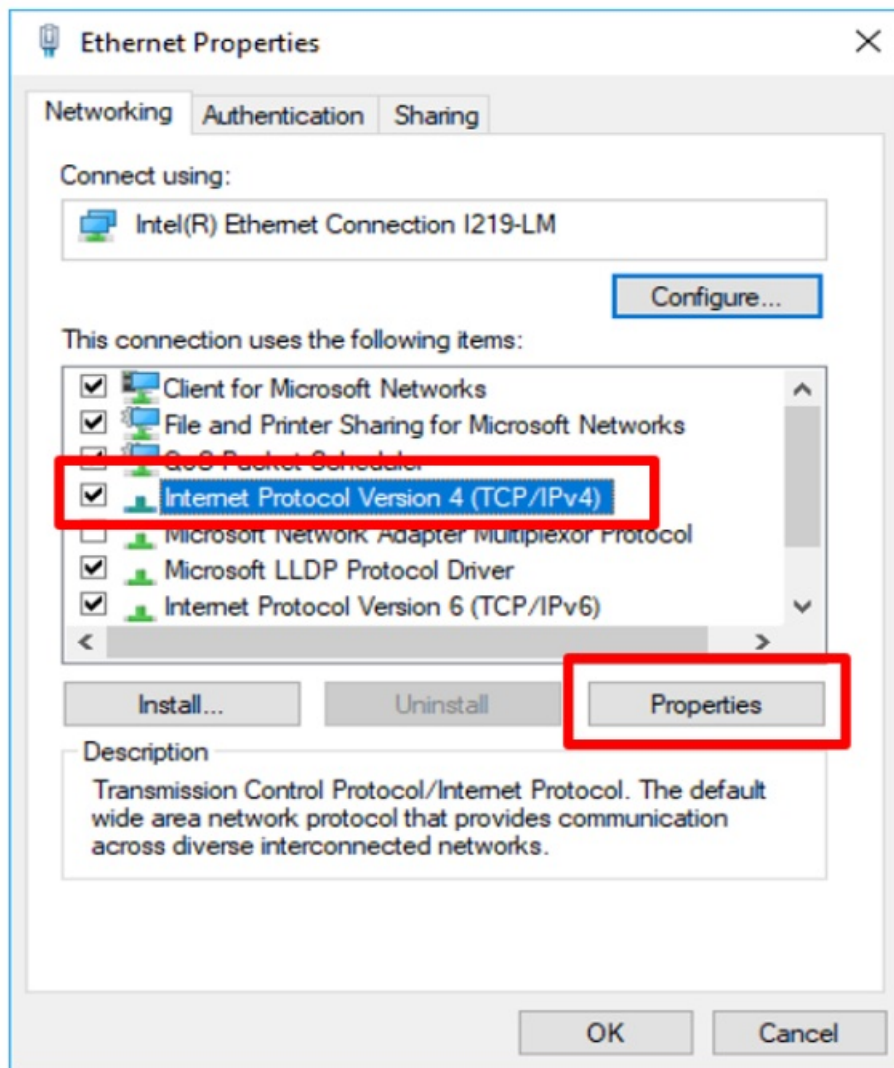


The default IP address of the controller is 192.168.0.250.

- Connect the laptop to the controller with a crossover cable.
- The laptop can only communicate with the controller if they are in the same network.
- i. Disconnect the laptop from your company data network.
- ii. In the Windows environment go to "Network & Internet Settings", then "Change adapter options".
- iii. Select "Ethernet" and "Properties".



Click on “Internet Protocol Version 4 (TCP/IPv4)” and “Properties”.



In "Properties" set the IP parameters according to the IP address of the controller.

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 automatically

☒ Use the following IP address:

IP address: 192 . 168 . 0 . 245

Subnet mask: 255 . 255 . 255 . 0

Default gateway: . . .

☐ Obtain DNS server address automatically

☒ Use the following DNS server addresses:

Preferred DNS server: . . .

Alternate DNS server: . . .

☐ Validate settings upon exit

Advanced...

OK Cancel

- Click on “OK” to confirm.
 - Open the webpage of the controller.
- i. Go to the browser.
 - ii. Enter the IP address of the controller.
 - iii. Enter username “admin” and password “Dixell” to login.

Username

admin


Password

••••••

LOGIN

01/05/2023 12:41 PM

LUMITY™



EMERSON™

Open “Info” page on the left.

iPro

2021071500

iProRack_5.4_211129

11/29/2022 2:59 PM

Please consider changing your password

APPLICATION

Dashboard

Variables

Files

Realtime Log

BACnet

SNMP

SYSTEM

Info

Export

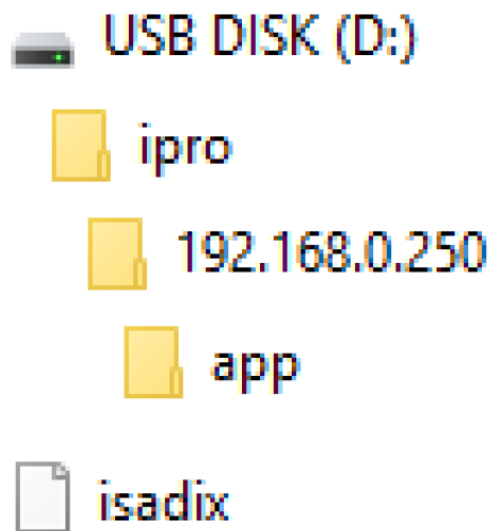
Import

iPro Model	iPro
BIOS Release	2021071500
Application Release	iProRack_5.4_211129
ISaGRAF VM Release	1.0
Licenses	
IP Address	192.168.0.250
User Website Address	http://192.168.0.250/

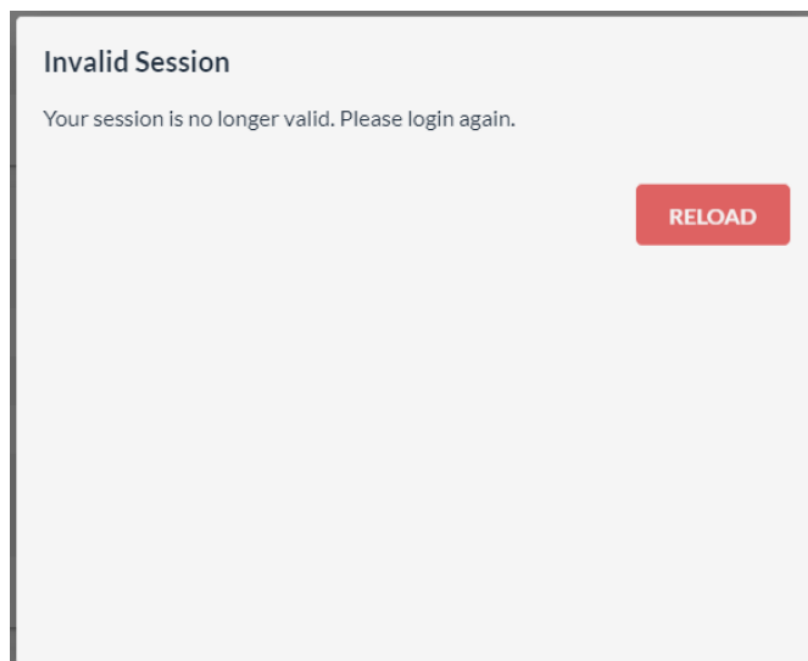
System Status	OK
Remote Update Server	Disabled
Rescue Status	Connected
HMI Status	Connected
USB Status	USB_A: USB DISK
Modbus Server	Modbus 485 1 - PortB: Not connected Modbus 485 2 - Disabled Modbus TCP - Not connected
WiFi Status	Not connected

Load empty application

- Prepare USB stick with following folders and correct isadix file in folder “app”. Contact the Emerson Application Engineering department for the correct isadix file.



- Connect USB stick to the controller.
- Session will become invalid (after a few minutes).



- Reload the page.
- Application release shows “Restore isadix (Validating)”.
- When the message “(Validating)” disappears (reloading of the page might be necessary), remove the USB stick.

e. Application release shows "Restore isadix (Validating)".

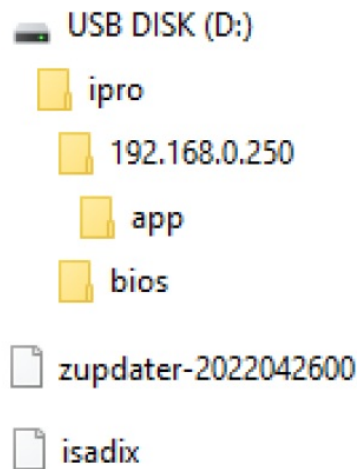
BIOS Release	2021071500
Application Release	Restore isadix (Validating)

f. When the message “(Validating)” disappears (reloading of the page might be necessary), remove the USB stick.

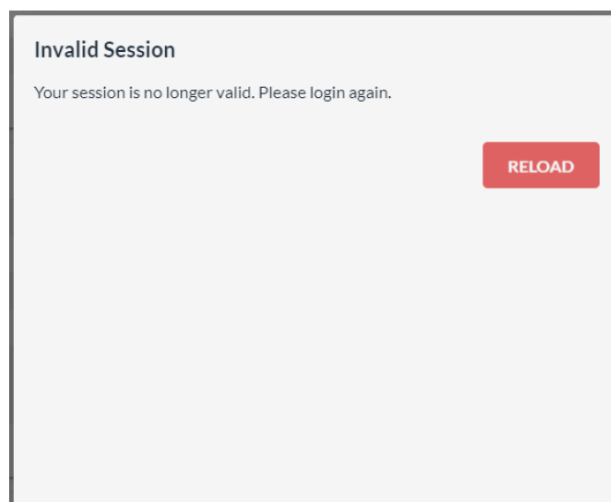
BIOS Release	2021071500
Application Release	Restore isadix

Load new BIOS

Prepare USB stick with following folders and correct zupdater file in folder "bios" and correct isadix file in folder "app". Contact the Emerson Application Engineering department for the correct zupdater and isadix files.



- Connect USB stick to the controller.
- Session will become invalid (after a few minutes).



- Reload the page.
- BIOS and application release show "(Validating)".

e. BIOS and application release show "(Validating)".

BIOS Release	2022042600 (Validating)
Application Release	iProRack_5.4_211129 (Validating)

f. When the message "(Validating)" disappears (reloading of the page might be necessary), remove the USB stick.

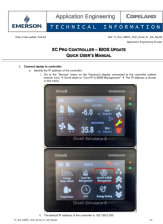
BIOS Release	2022042600
Application Release	iProRack_5.4_211129

g. Update is successful if the correct number is shown in row "BIOS Release" without "(Validating)".

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Documents / Resources

	<p>EMERSON XC PRO Controller Bios Update [pdf] User Manual XC PRO Controller Bios Update, XC PRO, Controller Bios Update, Bios Update, Update</p>
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References

- [User Manual](#)