Merit LILIN Application Note

How to connect Moxa NPORT5150 to PIH-931D
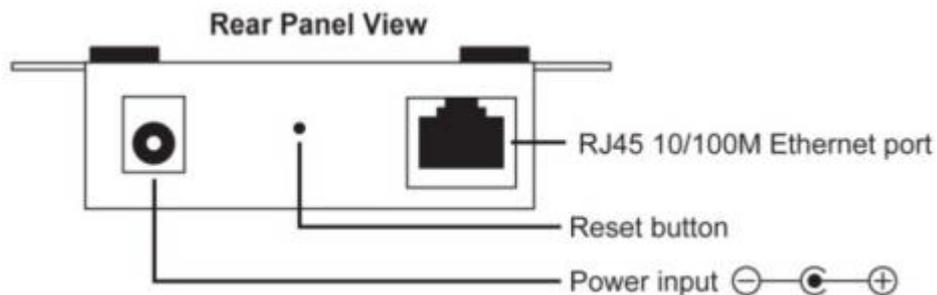
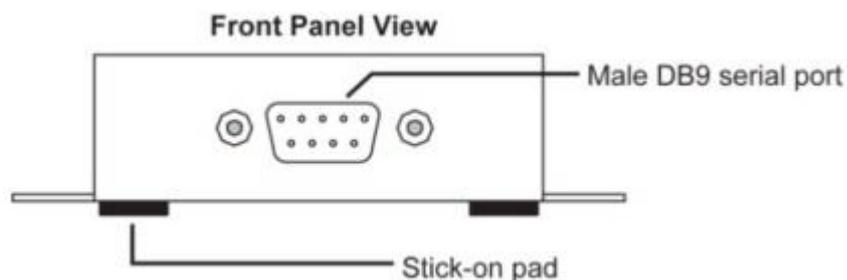**Subject:** This document describes how to connect a MOXA NPORT5150 to a PIH-931D Keyboard Controller
Device Supported: NAV1072, NAV1108, NAV16036, NAV16072, NAV16108, NAV24036, NAV24072, NAV24108, NAV08036, NAV08072, NAV08108, NAV2036A, NAV08036A, NAV08072A, NAV08108A
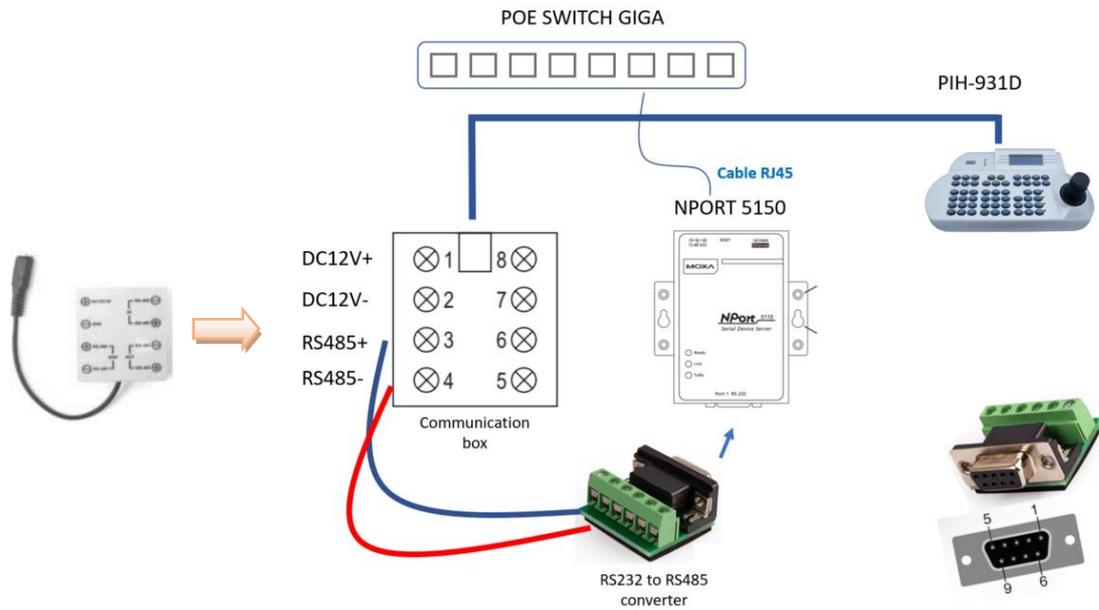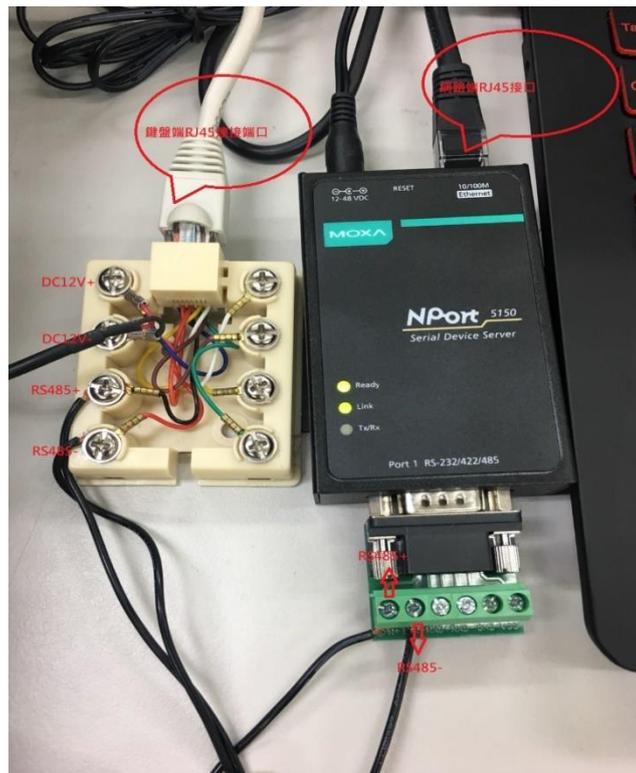

It includes a network interface
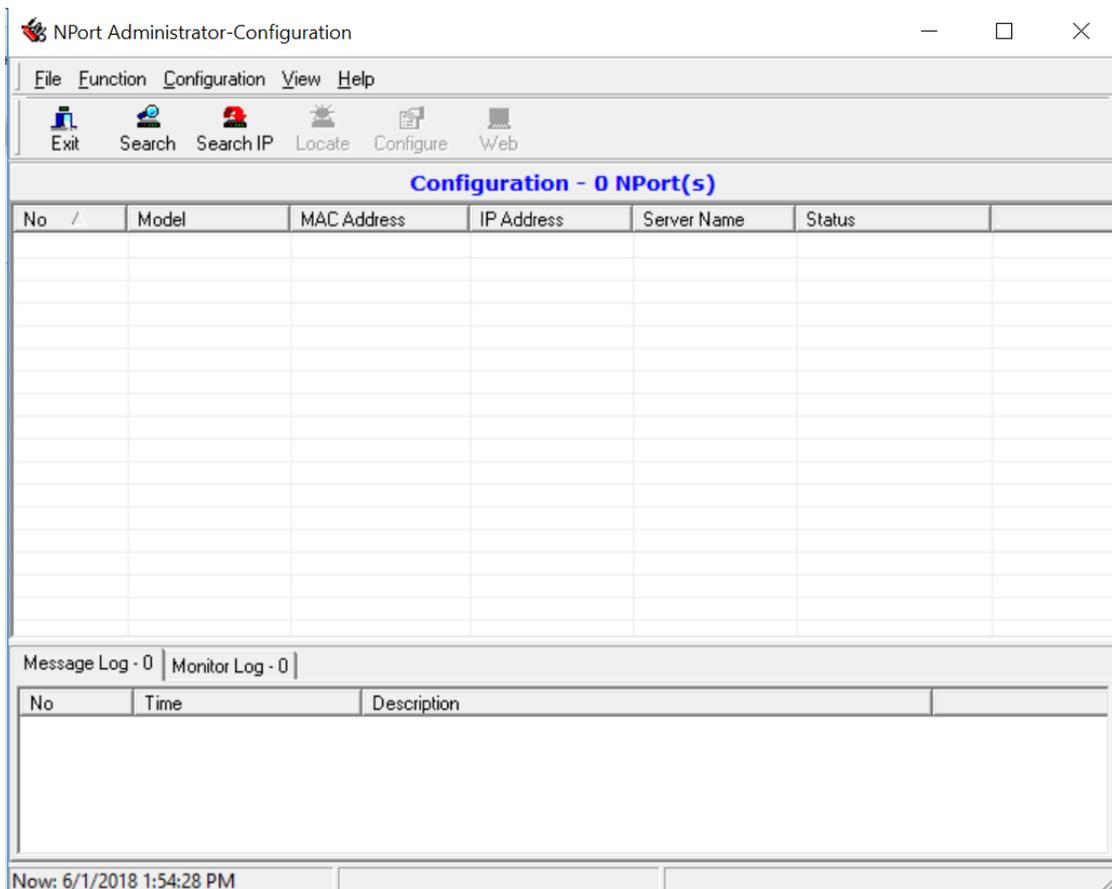

And a serial interface

Remark: RS232 to RS485 converter is not provided, please purchase it locally and before connect verify which pin are RS485+ and RS485- pin correspondence may vary. Communication box is provided with PIH-931D,
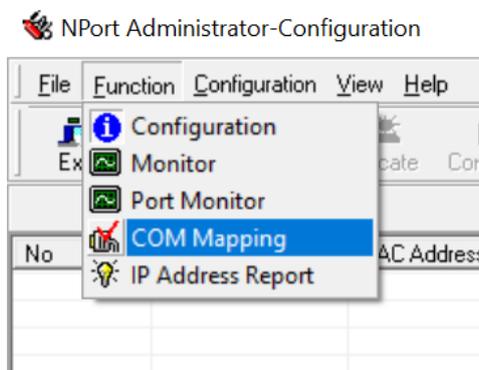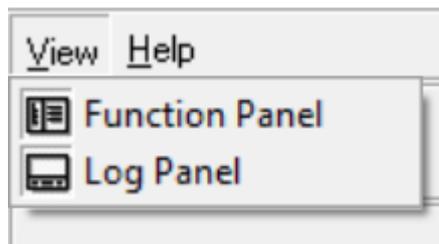
Physically it should look like this

Install the Moxa port management software by clicking the below link
https://www.moxa.com/support/DownloadFile.aspx?type=support&id=937
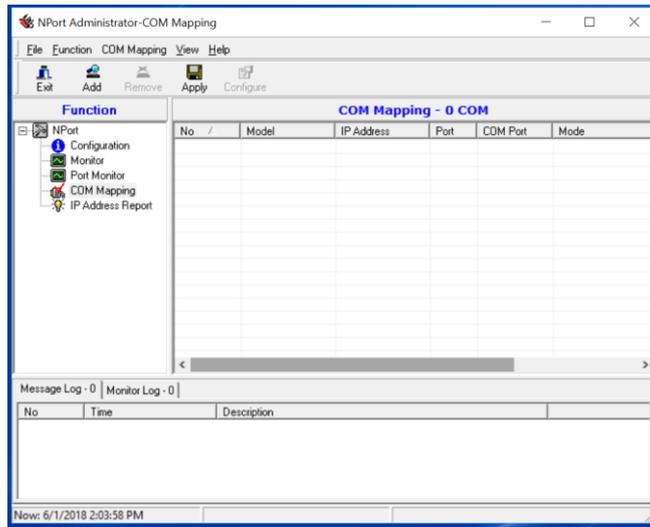launch the program named   Nport Administrator
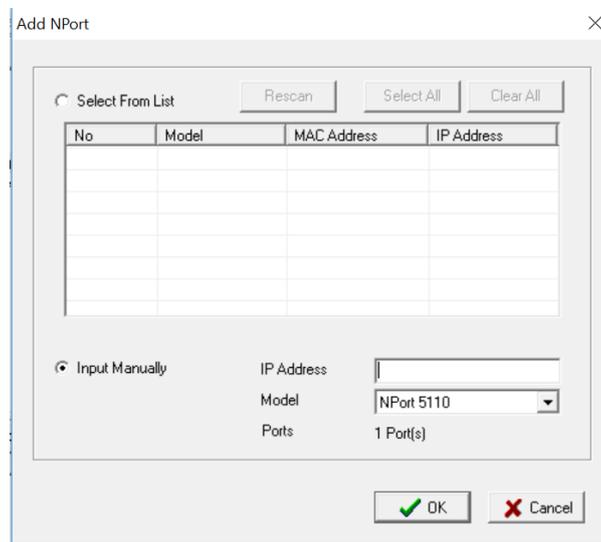
Click on "Function" then "COM Mapping"

Click on "View" then click on "Function Panel" one time and "Log Panel" one time
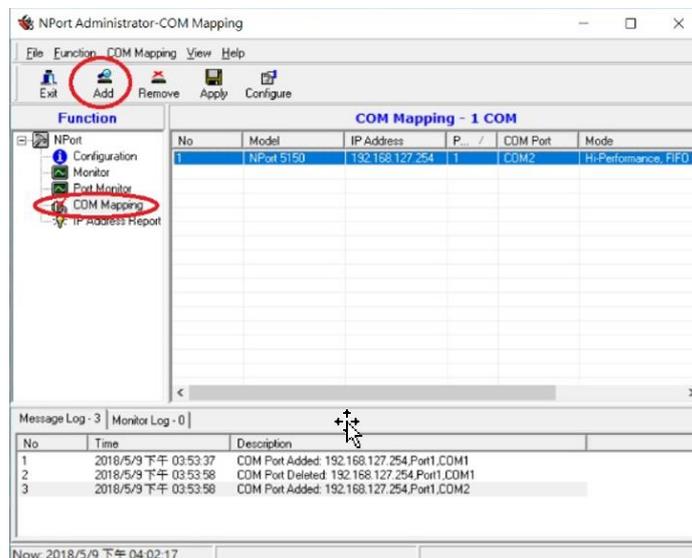
The software display should look like below

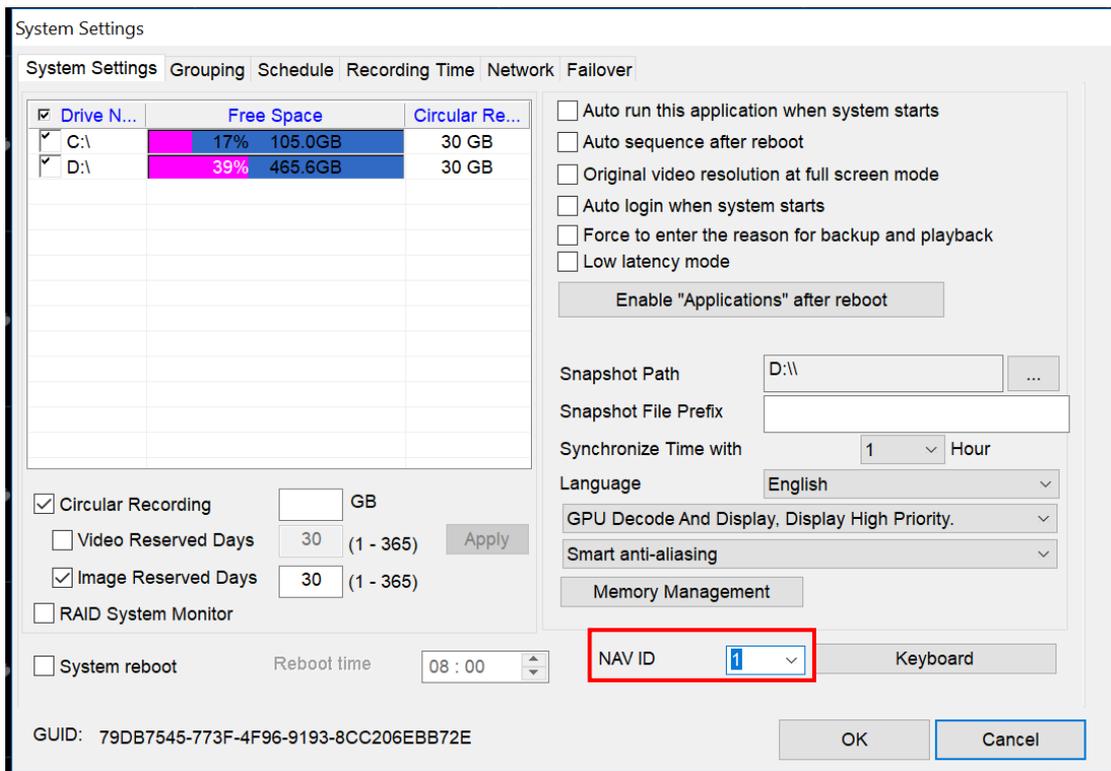Click on "ADD" and select "Nport 5150" model
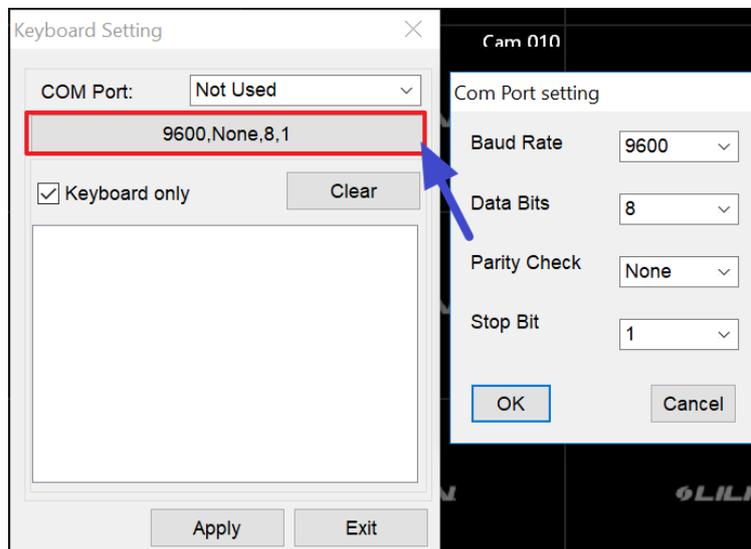

The device will appear in the list

On the Nav software, set the following settings

Enter the NAV setting screen
At NAV ID select "1"

Then click on "keyboard" and select the com port of the MOXA device, if you don't know which com port check the Nport Administrator.

To operate the keyboard, enter DVR mode

ENT=>2=>CAM, you can now control the PTZ camera

Contact
Contact lilin.zendesk.com for technical support.