Profile Editor

Profile

Name: Test   Auto Connect

Mode: ● Local ○ Remote   Host: localhost

Guiding: Internal   Host: localhost

☐ INDI Web Manager   🌐 Web Manager   INDI Hub   🔍 Scan

Select Devices

Mount:	Telescope Simulator	Filter:	--	Aux 1:
Camera 1:	CCD Simulator	AO:	--	Aux 2:
Camera 2:	--	Dome:	--	Aux 3:
Focuser:	--	Weather:	--	Aux 4:

Remote: driver@host:port,driver@host,@host:port,@host,driver

0% Sequence
--:--:--

Select device

Device list:
- Finger Lakes Instruments
- GTD
- Gemini Telescope
- HitecAstro
- JMI
- Lacerta Optics
- LakesideAstro
- Lunatico
- Mallincam
- Meade
- MoonLite
- Moravian Instruments
- Nn
- OGMAVision
- Omegon
- Optec
- Optique Unterlinden
- Orion
- Others
- Pegasus Astro
- Planewave Instruments
- PlayerOne
- Primaluce Lab
- QHY
- QSI
- RB Focus
- RBFocus
- Rainbow Astro
- Raspberry PI
- Rigel Systems
- Robert Brown
- Robofocus
- SVBONY
- Shelyak
- Shoestring
- Simulator
- Starizona
- Starlight Instruments
- Starlight XPress
- TeenAstro
- Teleskop
- Terrans Industry
    - **Terrans PowerBoxPr...**
- Toupcam
- USB_Focus
- Unihedron
- Wanderer Astro
- Web Cameras
- XAGYL

Connect power and USB

INDI Control Panel

Tabs: CCD Simulator | Telescope Simulator | **Terrans PowerBoxPro V2**

Sub-tabs: Main Control | Connection | Options

Driver Info	Name	TerransPowerBoxProV2
	Exec	indi_terrans_powerboxpro_v2
	Version	1.0
	Interface	32896

- Connection Mode: **Serial**
- System Ports: **1a86_Single_Serial_578D043127**
- Ports: Port | _Serial_578D043127-if00 | _Serial_578D043127-if00 | Set
- Baud Rate: 9600 ▼
- Auto Search: **Enabled** | Disabled
- Refresh: Scan Ports

Select the recognized CH343 serial port device

Clear | Close

INDI Control Panel

Tabs: CCD Simulator | Telescope Simulator | **Terrans PowerBoxPro V2**

Sub-tabs: **Main Control** | Connection | Options

- Connection: Connect | **Disconnect**

After selecting the corresponding serial device, click Connect.

Clear | Close

INDI Control Panel

Window 1 — Main Control

Tabs: CCD Simulator | Telescope Simulator | **Terrans PowerBoxPro V2**

Sub-tabs: **Main Control** | Connection | Options | Environment | Additional Settings

Status	Label	Parameter	Value
●	Connection	Connect	Disconnect
●	InputVotage	InputVotage (V)	12.01
●	InputCurrent	InputCurrent (V)	0.11
●	Power	Total Power (W)	1.30
		12V Power (W)	1.20
		19V Power (W)	0.24
		USB Power (W)	0.00
●	MCU	MCU Temperature (C)	33.91

Here you can view the power information and internal temperature of the device

Status	Label	ON	OFF
●	DC HEQ5PRO	ON	OFF
●	DC ASI533	ON	OFF
●	DC Heater	ON	OFF
●	DC Focuser	ON	OFF
●	DC Flat Cover	ON	OFF
●	DC Rotator	ON	OFF
●	DC NUC	ON	OFF
●	USB HEO5PRO	ON	OFF

Here you can control the switches of each power supply port. The red status light indicates that the power is off, while the green status light indicates that the power is on.

2024-07-05T02:29:26: [INFO] Device configuration applied.
2024-07-05T02:29:26: [INFO] Loading device configuration...
2024-07-05T02:29:26: [INFO] Terrans PowerBoxPro V2 is online.
2024-07-05T02:29:26: [INFO] Handshake successfully!

When the handshake is successful, it indicates a successful device connection.

[Clear] [Close]

Window 2 — Environment

Tabs: CCD Simulator | Telescope Simulator | **Terrans PowerBoxPro V2**

Sub-tabs: Main Control | Connection | Options | **Environment** | Additional Settings

Status	Label	Parameter	Value		
○	Update	Period (s)	60	60.000	Set
○	Weather	Refresh			
○	Safety	☐ Override Status			
●	Parameters	Temperature (C)	-50.00		
		Humidity %	1.00		
		Dew Point (C)	0.00		

In the environment window, you can view the values of the temperature and humidity sensors

Status	Label	Parameter	Value	Value	Set
○	Temperature (C)	OK range min	-15.00	-15.00	
		OK range max	35.00	35.00	Set
		% for Warning	15	15.000	
○	Humidity %	OK range min	0.00	0.00	
		OK range max	100.00	100.00	Set
		% for Warning	15	15.000	
○	Dew Point (C)	OK range min	0.00	0.00	
		OK range max	100.00	100.00	Set
		% for Warning	15	15.000	

The setting function is not available, and the temperature and humidity sensor values are only used for automatic heating control.

2024-07-05T02:29:26: [INFO] Device configuration applied.
2024-07-05T02:29:26: [INFO] Loading device configuration...
2024-07-05T02:29:26: [INFO] Terrans PowerBoxPro V2 is online.
2024-07-05T02:29:26: [INFO] Handshake successfully!

[Clear] [Close]

INDI Control Panel   _ □ ✕

| CCD Simulator | Telescope Simulator | Terrans PowerBoxPro V2 |

| Main Control | Connection | Options | Environment | **Additional Settings** |

○ 12V Auto Heater ☐ DC A ☐ DC B ☐ DC C ☐ DC D ☐ DC E ☐ DC F
○ 5V Auto Heater   ☐ USB A ☐ USB B ☐ USB C ☐ USB D ☐ USB E ☐ USB F

● State memory | ON | **OFF**   Set power-off switch status memory

● Rename

Renaming each port, click on Set, reconnect the device takes effect.

DC A NAME	DC HEQ5PRO	DC HEQ5PRO
DC B NAME	DC ASI533	DC ASI533
DC CNAME	DC Heater	DC Heater
DC D NAME	DC Focuser	DC Focuser
DC E NAME	DC Flat Cover	DC Flat Cover
DC F NAME	DC Rotator	DC Rotator
DC 19V NAME	DC NUC	DC NUC
USB A NAME	USB HEQ5PRO	USB HEQ5PRO
USB B NAME	USB ASI533	USB ASI533
USB C NAME	USB Focuser	USB Focuser
USB D NAME	USB Flat Cover	USB Flat Cover
USB E NAME	USB Filter	USB Filter
USB F NAME	USB Rotator	USB Rotator

Set

2024-07-05T02:29:26: [INFO] Device configuration applied.
2024-07-05T02:29:26: [INFO] Loading device configuration...
2024-07-05T02:29:26: [INFO] Terrans PowerBoxPro V2 is online.
2024-07-05T02:29:26: [INFO] Handshake successfully!

| Clear | Close |