D69-022-91-U Series Industrial Uninterruptible Low Voltage PoE Hub
Quick Installation Guide

P/N: 5019071700

INTRODUCTION

Model	Description
D69-022-91-U-LI	1x GbE PoE PD Input + 2xGbE bt PoE Output + 2xGbE SFP + 2x 12V or 24VDC Output, LiFePO4 Battery Input.
D69-022-91-U-LA	1x GbE PoE PD Input + 2xGbE bt PoE Output + 2xGbE SFP + 2x 12V or 24VDC Output, Lead Acid Battery Input.

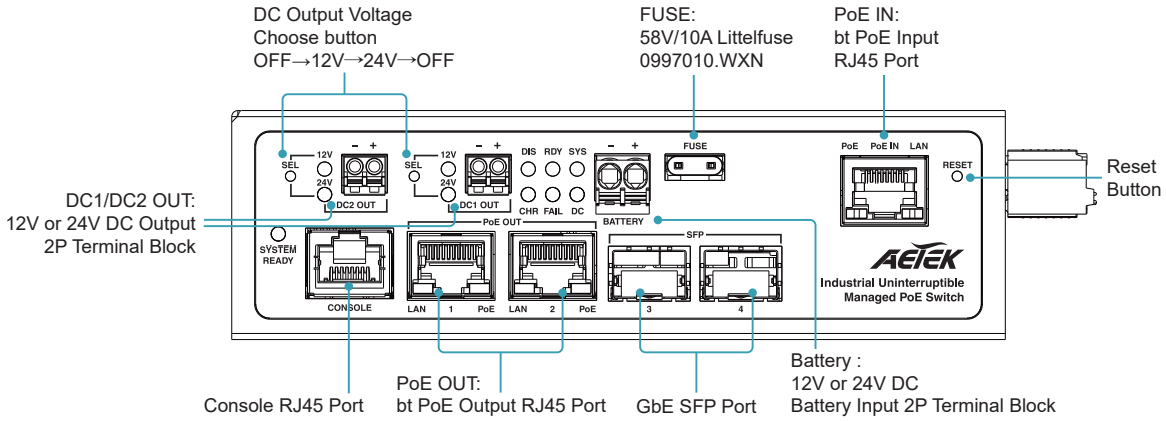
PACKAGE CONTENTS

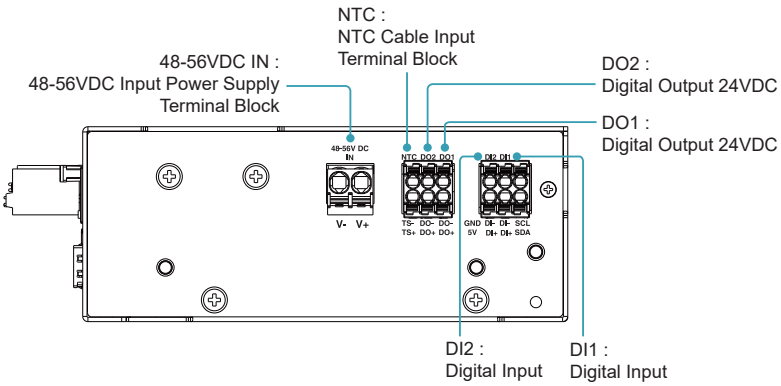
* 1 x D69-022-91-U	* 1x Quick Installation Guide	* 1 x Wall Mounting Kit
* 1 x DIN-rail Kit	* 1 x NTC Cable	* 1 x Terminal block kit

⚠ IMPORTANT NOTES

Please read the following before using:
1. All electrical work must be done in accordance with local, and/or international electrical codes.
2. Before installing or using this device, read all instructions and cautionary marking located in (or on) this guide, batteries, and any other device used.
3. To reduce the risk of short-circuits, use insulated tools when installing or working with the batteries, or DC source.
4. Remove all jewelry. This will greatly reduce the chance of accidental exposure to live circuits.
5. The device contains more than one live circuit batteries, Power may be present at more than one source.
6. This product contains no user serviceable parts. Do not attempt to repair this unit.
7. Use CAT5e/6a UTP/STP cables.

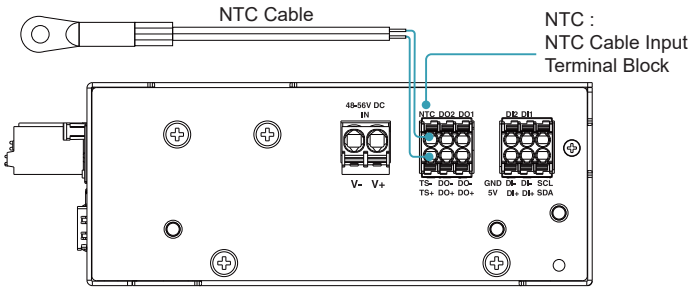
CONNECTOR





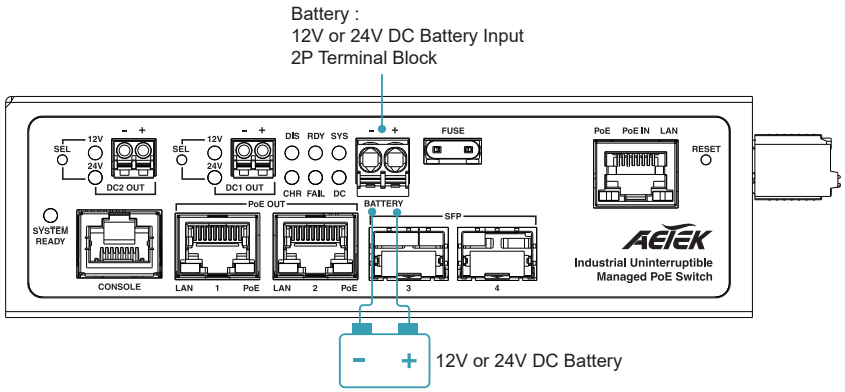
INSTALLATION STEPS

1. Connect NTC Cable

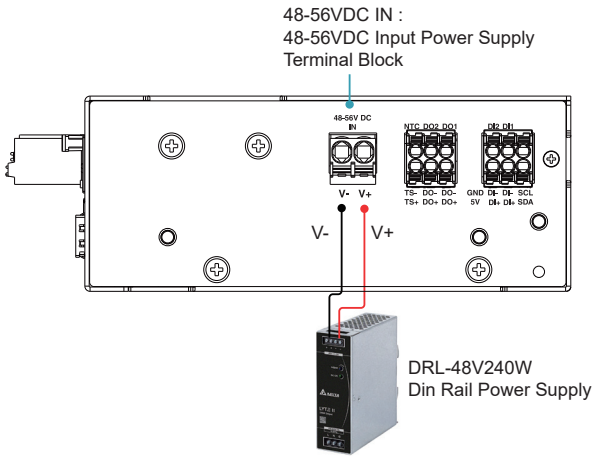


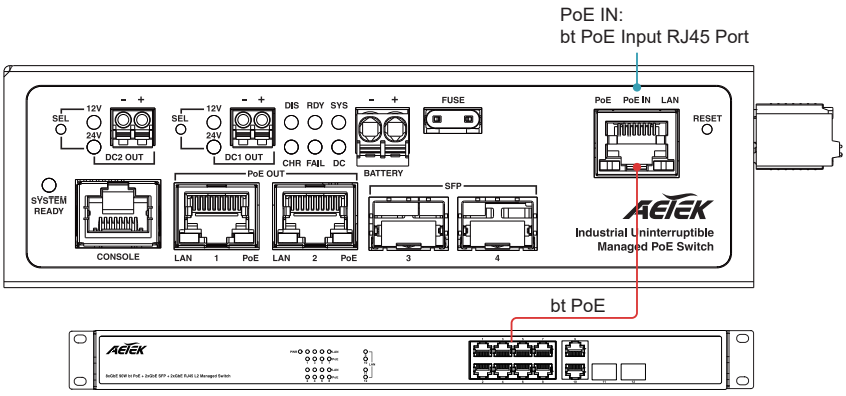
INSTALLATION STEPS

2. Connect battery Cable to connect the batteries:



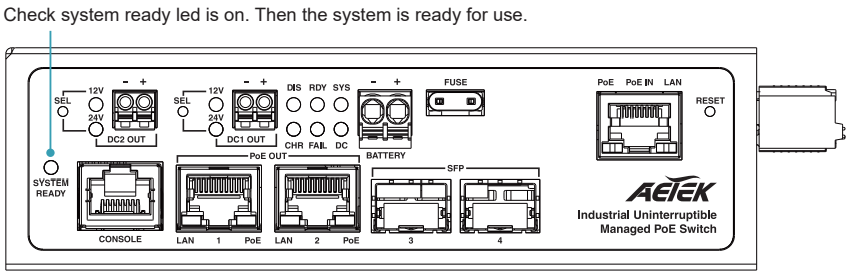
3. Connect the 48-56VDC input power cable or bt PoE input cable.



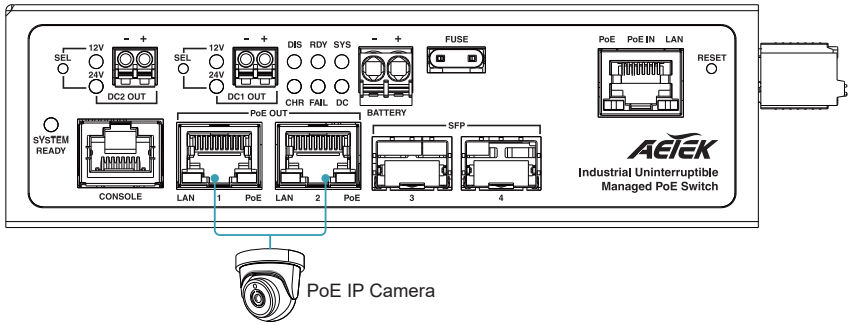


C42-084-91-770 bt PoE Switch

4. Check system ready led is on.

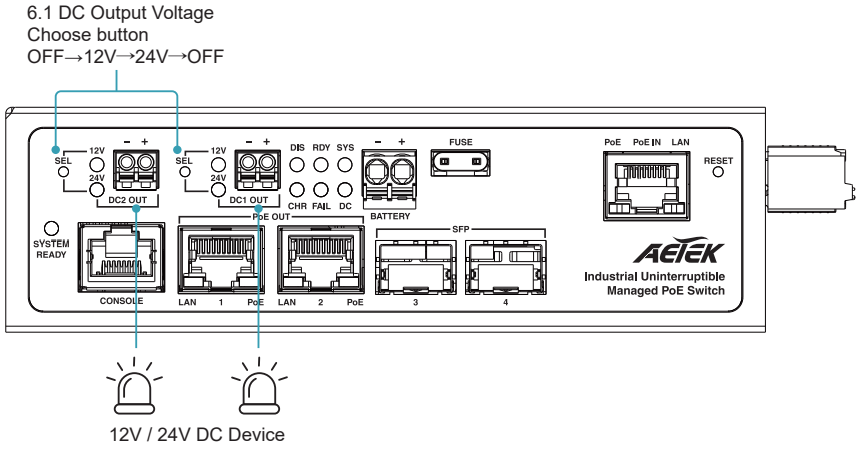


5. Connect cat5e/6a cable to PoE PD device

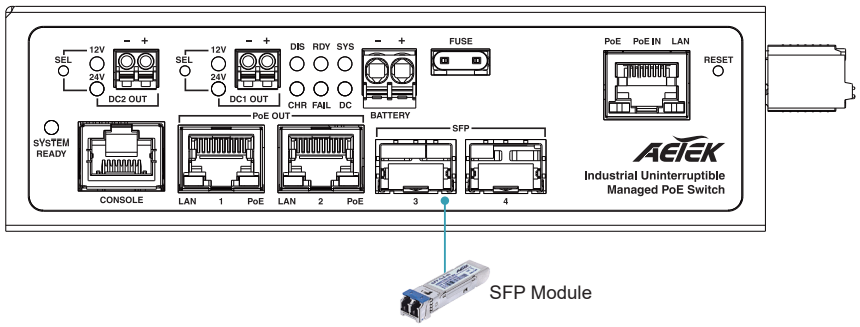


INSTALLATION STEPS

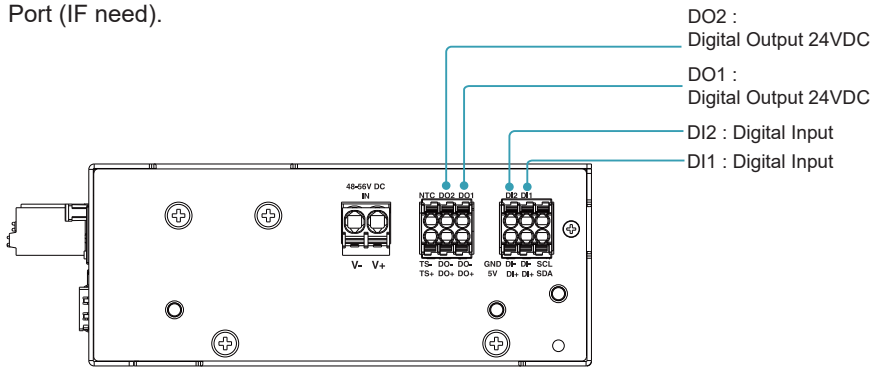
6. Choose dc output voltage, OFF-->12VDC-->24VDC-->OFF cycle. then connect to DC device.



7.Connect SFP Module to SFP Port (IF need).



8. Connect DO/DI Port (IF need).



D69-022-91-U Series CHARGE WATTS

Battery voltage type	DC IN (W)	bt PoE 90W(W)
12V	24W	12W
24V	24W	12W

D69-022-91-U Series OUTPUT POWER BUDGET

DC Input Power Budget				
	12V Battery Discharge	24V Battery	12V Battery Charge	24V Battery Charge
75°C	60W	130W	60W	130W
60°C	72W	172W	72W	172W

bt PoE Input Power Budget				
	12V Battery Discharge	24V Battery	12V Battery Charge	24V Battery Charge
75°C	45W	45W	45W	45W
60°C	60W	60W	60W	60W

DEFAULTS

IP Address	192.168.1.1
Subnet Mask	255.255.255.0
User Name	admin
Password	admin

Console Port Defaults

Baud rate	115200
Stop bits	1
Data bits	8
Parity	N
Flow control	none

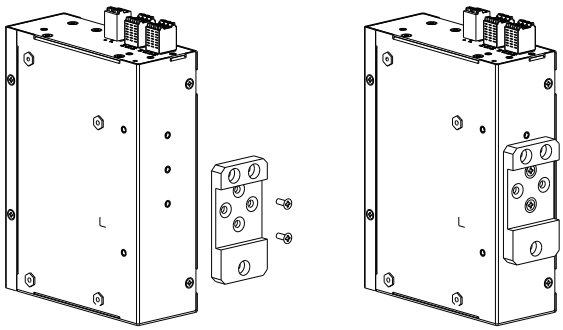
Reset button

Task	Method	SYS LED Behavior	Port Status LED Behavior
Reset	Press 2 ~ 7 seconds	Blinking Green	All LEDs Off.
Restore Defaults	Press 7 ~ 12 seconds	Blinking Green	All LEDs On.

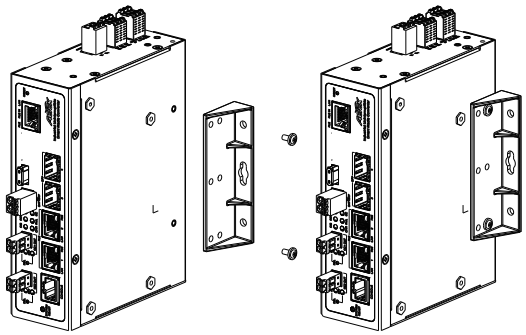
LED DEFINITIONS

DC	Yellow ON	48-56VDC Input Power Normal
	Yellow OFF	48-56VDC Input Power OFF
SYS	Green ON	System ready
	Green OFF	System not ready
FAIL	Yellow 0.1s ON	No DC / PoE Input , Battery at discharging, The Battery Voltage >11.6V /23.2V
	Yellow 1s ON	No DC / PoE Input , Battery at discharging, The Battery Voltage < 11.6V /23.2V
	Yellow ON	No DC / PoE Input , Battery at discharging, The Battery Voltage < 10.6V /21.2V Have DC / PoE Input, The Battery fail
	Yellow OFF	Have DC / PoE Input, The Battery is connected
RDY	Green ON	Have DC / PoE Input, The Battery Voltage > 10.6V /21.2V
	Green OFF	Battery over-discharge recovery process
CHR	Yellow 0.5s ON	Battery charging
	Yellow ON	Battery fully charged
	Yellow OFF	No DC / PoE Input, No Charge.
DIS	Green 0.5S ON	Battery discharging
	Green OFF	Battery discharge stopped
24V	Yellow ON	24V DC Output Normal
	Yellow OFF	No DC Output
12V	Green ON	12V DC Output Normal
	Green OFF	No DC Output
PoE IN	Yellow ON	PoE Input Normal
	Yellow OFF	No PoE Input
PoE Out	Yellow ON	PoE Output Normal
	Yellow OFF	No PoE Output
LAN	Green ON	Port is enabled and link established with a device
	Green Blinking	Port is transmitting and receiving data
SYSTEM READY	Green ON	System is ready for use
	Green OFF	System is not ready

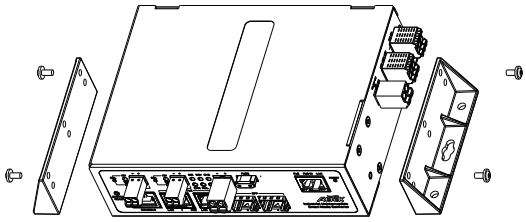
DIN RAIL MOUNT

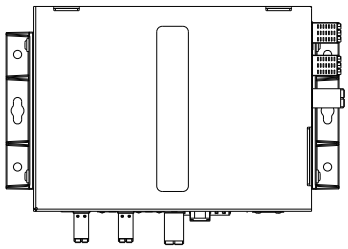


WALL MOUNT-1



WALL MOUNT-2





All specifications are subject to change without noice.
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