

TD-Series TD-04BT

Multi Gigabit 4 Channel BT/Class6,7,8 PoE PD Test Loader(19"inch/1.5U Base)



User's Guide

Unpacking Information

Thank you for purchasing our TD-Series products. Before installation, please check that your package contains the following items.

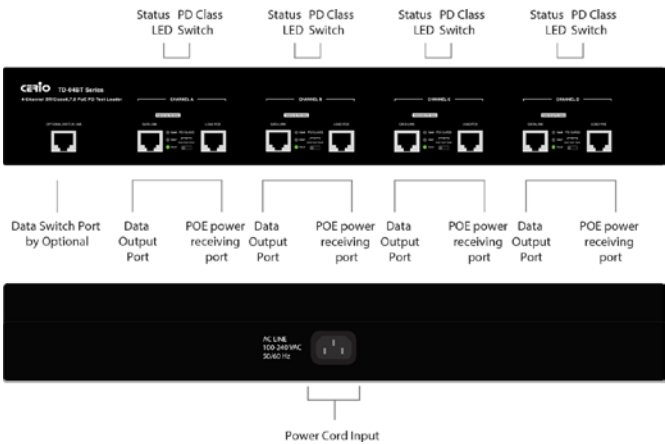
Open the shipping cartons of the switch and carefully unpack its contents. The carton should contain the following items:

- 1. TD-04BT Main Unit x 1
- 2. Power Cord x 1
- 3. Quick Installation Guide Booklet x 1
- 4. 19" Rack Mount Brackets x 1
- 5. Warranty Card x 1

Product Application

- Provide load test verification of PSE power supply capability.
- Provide verification of PSE compatibility.
- Provide power detection capability for all cabling systems in the environment.
- Improve production efficiency and optimize production planning.

Hardware Overview



DIP SWITCH

Class6: 51W(BT)

Class7: 62W(BT)

Class8: 71W(BT)

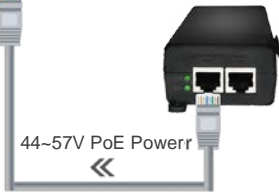
Status PD Class LED Switch



PoE Injector or PoE Switch



DATA OUT



44~57V PoE Power

Installation

The setup of the Loader can be performed using the following steps:

- Visually inspect the AC jack and make sure that is fully secured to the power supply
- Make sure that there is proper heat dissipation from and adequate ventilation around the Loader. Do not place heavy objects on the Loader

Desktop Installation

1. Attach the Rubber feet provided with the loader to ensure minimal movement of the device
2. Keep the loader away from devices such as radios, broadband amplifiers, and other transmitters that might cause signal interferences
3. Distancing the device from moisture is also highly recommended

Product Specifications

Standards & Hardware Specifications	
Network Standards	IEEE 802.3bt Power over Ethernet (PoE++)
Port Configuration	4 RJ45 Ethernet Pass Through Data Ports 4 RJ45 PoE PD Ports 1 RJ45 Switch Port (By optional)
PoE Type	End-span (Type-A): PIN 1/2,3/6 Mid-span (Type-B): PIN 4/5,7/8
Data PIN	PIN 1/2,3/6 & 4/5,7/8
Power PIN	PIN 1/2,3/6 ; 4/5,7/8 (Power + Data Pin)
DIP Switch	All 4 test channels support DIP Switch, switchable PD Class (Class6, Class7, Class8) three levels Class6/BT (51W) Output : Status x4 sets Class7/BT (62W) Output: Status x4sets Class8/BT (71W) Output : Status x4sets
LED	
Environmental & Mechanical Characteristics	
PSE Test Type	Active PoE IEEE 802.3bt Passive PoE
PSE Input Voltage	44~57V
POE Output	51 +/- 1W 62 +/- 1W 71 +/- 1W
Single Signature PD /Max. Power	Class 6 : 51W Class 7 : 62W Class 8 : 71W
Temperature	
Operating Temperature	0° to 40° C
Storage Temperature	-40° to 70° C
Operating Humidity	10% to 90% non-condensing
Storage Humidity	10% to 90% non-condensing
Dimension (W x D x H)	441 x 281 x 66 mm
Weight (kg)	4.01kg
Production Location	TW

Package Contents

TD-04BT Main Unit	x1
Quick Installation Guide Booklet	x1
Power Cord	x1
19" Rack Mount Brackets	x1
Warranty Card	x1

TD-Series TD-04BT-S

Multi Gigabit 4 Switch BT/Class6,7,8 PoE PD Test Loader(19"inch/1.5U Base)



User's Guide

Unpacking Information

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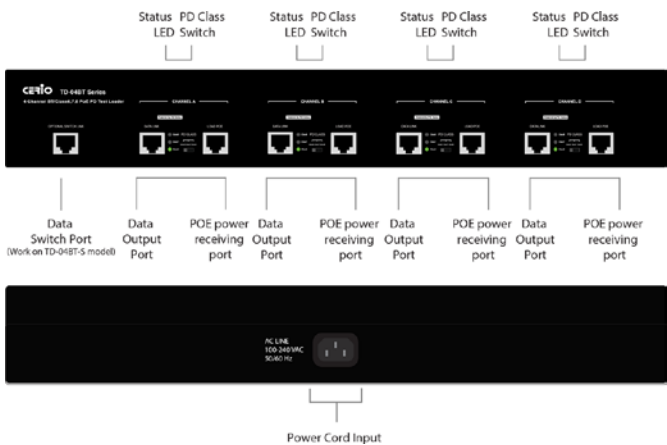
Open the shipping cartons of the switch and carefully unpack its contents. The carton should contain the following items:

- 1. TD-04BT-S Main Unit x 1
- 2. Power Cord x 1
- 3. Quick Installation Guide Booklet x 1
- 4. 19" Rack Mount Brackets x 1
- 5. Warranty Card x 1

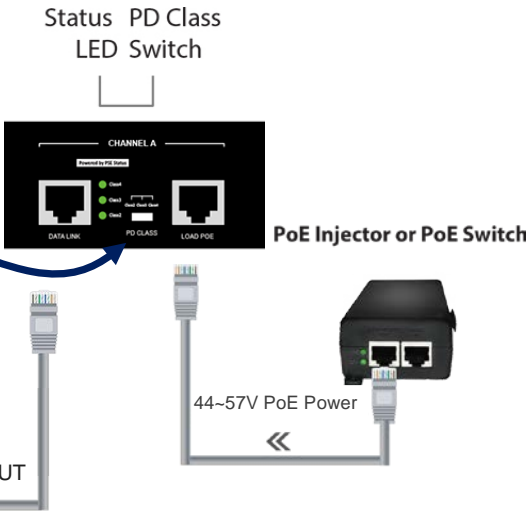
Product Application

- Provide load test verification of PSE power supply capability.
- Provide verification of PSE compatibility.
- Provide power detection capability for all cabling systems in the environment.
- Improve production efficiency and optimize production planning.

Hardware Overview



DIP SWITCH
Class6: 51W(BT)
Class7: 62W(BT)
Class8: 71W(BT)



Installation

The setup of the Loader can be performed using the following steps:

- Visually inspect the AC jack and make sure that is fully secured to the power supply
- Make sure that there is proper heat dissipation from and adequate ventilation around the Loader. Do not place heavy objects on the Loader

Desktop Installation

- 4. Attach the Rubber feet provided with the loader to ensure minimal movement of the device
- 5. Keep the loader away from devices such as radios, broadband amplifiers, and other transmitters that might cause signal interferences
- 6. Distancing the device from moisture is also highly recommended

Product Specifications

Standards & Hardware Specifications	
Network Standards	IEEE 802.3 10Base-T
	IEEE 802.3u 100Base-TX
	IEEE 802.3ab 1000Base-T
	IEEE 802.3bz 2500Base-T
Network Media	IEEE 802.1x Flow Control
	IEEE 802.3bt Power over Ethernet (POE++)
	10BASE-T: UTP Cat. 3 or up,
	100BASE-TX: UTP Cat. 5 or up,
Data Transfer Rate	1000BASE-T: UTP Cat. 5 or up
	2500BASE-T: UTP Cat. 5e or up
	10/100/1000/2500Mbps
	10/100/1000/2500Mbps (Half-duplex),
Auto MDI /MDIX	20/200/2000/5000Mbps (Full-duplex)
	Yes
	End-span (Type-A): PIN 1/2,3/6
	Mid-span (Type-B): PIN 4/5,7/8
PoE Type	PIN 1/2,3/6 & 4/5,7/8
	PIN 1/2,3/6 ; 4/5,7/8 (Power + Data Pin)
	4 RJ45 10/100/1000/2500Mbps ETH Data Ports
	4 RJ45 PoE PD Ports
Port Configuration	1 RJ45 Switch Port
	All 4 test channels support DIP Switch,
	switchable PD Class (Class6, Class7, Class8)
	three levels
DIP Switch	Class6/BT (51W) Output : Status x4 sets
	Class7/BT (62W) Output: Status x4sets
	Class8/BT (71W) Output : Status x4sets
	LED

Environmental & Mechanical Characteristics	
PSE Test Type	Active POE IEEE 802.3 bt
PSE Input Voltage	Passive POE
PSE Output	44~57V
POE Output	51 +/- 1W
Single Signature PD / Max. Power	62 +/- 1W
Operating Temperature	71 +/- 1W
Storage Temperature	Class 6 : 51W
Operating Humidity	Class 7 : 62W
Storage Humidity	Class 8 : 71W
Dimension (W x D x H)	0° to 40° C
Weight (kg)	-40° to 70° C
Production Location	10% to 90% non-condensing
	10% to 90% non-condensing
	441 x 281 x 66 mm
	4.36kg
	TW

Package Contents	
TD-04BT-S Main Unit	x1
Quick Installation Guide Booklet	x1
Power Cord	x1
19" Rack Mount Brackets	x1
Warranty Card	x1