

# PoEsmart™ Power Over Ethernet Inline Tester



Real time IEEE 802.3bt inline status analysis  
and monitoring



## OVERVIEW

PoEsmart 256320 is a IEEE 802.3bt standard Power Over Ethernet inline tester that is effective and an essential device when operating PoE technology. It conducts power test from PSE (power sourcing equipment) and provide an informative power supply status of PoE systems during PoE system installations. It identifies PoE standard IEEE802.3af, IEEE802.3at or IEEE802.3bt of PSE without the need of having a separate PD (powered device). PoEsmart, is fitted with an internal PD to simulate a powered device known as SPD (simulate powered device). When connected with a PD, PoEsmart innovative technology is able to analyze and monitor the voltage, current and power status supplied by PSE without interrupting data flow.

## KEY FEATURES

Compatible with IEEE 802.3af/at/bt standard

- Battery-free operation technology.
- Identifies PoE standard of PSE: IEEE802.3af, IEEE802.3at, IEEE802.3bt or non-standard without having of a separate power device.
- Identifies the polarity of PoE data pair and spare pair.



- Battery-free operation technology.

## Real time inline status analysis and monitoring

- Monitor and troubleshoot IEEE802.3af/802.3at/802.3bt Type 3 (4PPoE) and 802.3bt Type 4 standard PoE systems.
- Real time IEEE802.3bt inline status analysis and monitoring.
- Full display of PoE information without scrolling.



- Measures current and power from DC supplies.
- Compact and lightweight design.



## SPECIFICATION

### Data rate

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10/100/1000

### DC power input

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2.1mm DC barrel

### Display range (DC input)

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6.5 to 57 volts, 0 to 0.5 amps

### Display range (PoE input)

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12 to 57 volts, 0 to 1.5 amps

### Maximum detected power

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100W

### Detection resolution

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0.1V; 0.001A; 0.01W

### Measurement accuracy

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± 5%

### Display type

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OLED

### Operating temperature range

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-10 to 60°C

### Operating humidity

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5% to 90%

## SPECIFICATION

### PoE method

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Standard BT PD

### PoE standard supported

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IEEE 802.3af/at/bt

### Dimension

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74mm x 67.9mm x 25.3mm

### Weight

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75g

## ORDER INFORMATION

### PoEsmart 256320 packaging includes:

- 256320 (PoEsmart)
- 15cm long FTP Ethernet cable x 1
- DC power cable x 1
- User manual

For more info., please visit [www.hobbes-group.com](http://www.hobbes-group.com)

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