

eSTS-PE *Specification Sheet*

SimulCharge™, PoE, Ethernet Adapter with RBM Technology for Samsung Micro USB Mobile Devices

The eSTS-PE is a SimulCharge™ adapter designed for use with select Samsung Micro USB mobile devices. It features simultaneous charging and access to data, Power over Ethernet (PoE) and wired Ethernet connectivity. PoE provides 10.4 watts of charging power and allows the adapter to be placed up to 328 ft (100 m) away from the PoE-capable network switch or injector. The eSTS-P2UE also features Network Recovery & Battery Modulation (RBM) technology. Battery Modulation protects the mobile device's battery from constant overcharging, which can degrade the battery over time and shorten its lifespan. Network Recovery can recover a wired Ethernet connection if it unexpectedly drops out. The LAVA Tablet Manager (LTM) app must be installed on the mobile device for the adapter to work properly.

FEATURES

- USB Host operation while charging (SimulCharge™)
- Power over Ethernet (Class 0)
- Wired networking (10/100 Ethernet) support
- Battery Modulation for mobile device longevity
- Network Recovery
- Screen Brightness Management
- Support for installations running 24/7
- No mobile device rooting required
- LAVA Limited Warranty

SYSTEM REQUIREMENTS

- Mobile devices: Please refer to the published compatibility list
- Installation of LTM app

POWER INPUT

- Power over Ethernet (13W maximum)
- Appears as a Class 0 PoE Device
- For non-PoE operational use, the Micro USB-B port can be used (port rated for maximum 5V at 2A input)

POWER OUTPUT (TO MOBILE DEVICE)

- 5V at 2A

POWER SUPPLY

- PoE-Capable Network Switch or Power Injector (up to 13W)
- For non-PoE operational use, a USB charger/power supply with a Micro USB-B connector, such as the power supply provided with the mobile device. Any regulated 5-volt power supply capable of at least 2 amperes can be used.

PORTS/CONNECTORS

- 1 x RJ45 10/100 Ethernet port (for PoE & LAN)
- 1 x Micro USB-B port (mobile device connection)
- 1 x Micro USB-B port ("Aux. 5V Input")

INDICATOR LEDS

- 1 x Charge Status indicator LED
- 1 x eSTS Mode indicator LED
- 1 x Link /Activity indicator LED (On Ethernet Port)
- 1 x USB Activity indicator LED (On Ethernet Port)

CABLES

- 1 x Micro USB-B to Micro USB-B cable
Note: The custom cable connects the LAVA product to the mobile device. This cable must not be extended.

MEASUREMENTS

- Depth: 3.3 inches (84 mm)
- Width: 3.8 inches (97 mm)
- Height: 1.7 inches (44 mm) – with standoffs
- Weight: 4.1 oz (116 g)