

# nSTS-PE *Specification Sheet*

## SimulCharge™, PoE, Ethernet Adapter for Samsung Micro USB Tablets

The nSTS-PE is a SimulCharge™ adapter designed for use with select Samsung Micro USB tablets. It features simultaneous charging and access to data, Power over Ethernet (PoE) and wired Ethernet connectivity. The nSTS-PE also supports Docking Detect, which ensures the “greeting protocols” between the mobile device and adapter are executed consistently and correctly every time they are plugged in. 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.

### FEATURES

- USB Host operation while charging (SimulCharge™)
- Power over Ethernet (Class 0)
- Wired networking (10/100 Ethernet) support
- Docking Detect
- No mobile device rooting required
- LAVA Limited Warranty

### SYSTEM REQUIREMENTS

- Mobile devices: Please refer to the published compatibility list

### 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 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)