nSTS-PE

SIMULCHARGE™ PoE ETHERNET ADAPTER WITH DOCKING DETECT FOR SAMSUNG TABLETS

PRODUCT DETAILS

The nSTS-PE is an adapter for Samsung tablets* that features Power over Ethernet (Class 0) support, wired Ethernet connectivity, Simulcharge technology that lets tablets to operate as a USB Host controller while simultaneously being charged, and the newest LAVA development adds Docking Detect for automatic tablet and LAVA board connection.

APPLICATION

The nSTS board is ideal for situations where tablets need power and the ability to support USB accessories in a situation when power sequences cannot always be followed. If you intend to plug your tablet solution in and out of power often, this board will meet your installation requirements.

SimulCharge™

The nSTS-PE operates a tablet in SimulCharge mode. This technology allows the charging of the selected Samsung tablets while interacting with USB accessories.

Docking Detect

The Docking Detect feature ensures that when the adapter is plugged into the tablet, the tablet recognizes that the adapter is present. This feature is a re-imagined form of Plug-n-Play; when the tablet solution, the tablet along with the adapter, is plugged into or out of power, the tablet will know.

Wired Ethernet Network

The nSTS-PE features a 10/100 Fast Ethernet interface that enhances the reliability and security of the internet connection. The Samsung tablet can use the dynamic address (DHCP) or static address for the network communication.

Power over Ethernet

Power over Ethernet (PoE) allows network data and electrical power to be carried over an Ethernet cable, eliminating the need for an electrician to install a dedicated power drop. PoE allows the Samsung tablet and nSTS-PE to be placed up to 328 feet (100 meters) from its power source.

PRODUCT FEATURES

- ❯ Simultaneous USB host and charging for selected Samsung tablets
- ❯ Docking detect for a tablet connection
- ❯ Designed for commercial use with Samsung tablets (see compatibility list of supported devices)
- ❯ Works with out-of-the-box (unrooted) tablet

- ❯ Wired networking (10/100 Ethernet) support
- ❯ Power over Ethernet (Class 0)
- ❯ Up to 100m (328 ft) from power source
- ❯ Option to use original power brick
- ❯ LAVA Limited Warranty

SYSTEM REQUIREMENTS

Tablet:	Please refer to the tested tablet list that can be found at www.lavalink.com
Power Supply:	RJ-45 PoE connector (Ethernet LAN and power). The Aux. 5V Input optional for a testing purpose (no PoE is applied)
Ports/Connectors:	1 x RJ45 10/100 Ethernet port (for PoE & LAN) 1 x Charge State indicator LED 1 x Micro USB B port (for Tablet connection) 1 x Ethernet Link indicator LED 1 x Micro USB B port (the Aux. 5V input)
Cables:	1 x Micro USB B to Micro USB B cable (3.3ft / 1m)
Measurements:	Depth: 3.3 inches (83 mm) Height: 1.7 inches (44 mm) – with standoffs Width: 3.8 inches (97 mm) Weight: 4.1 oz

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