

Raven-A *Product/Green Sheet*

Charge Two Devices over USB-A with Power over Ethernet

LAVA's Raven-A PoE Power Adapter splits power and network data from a Power over Ethernet (PoE) input. When the PoE signal travels into the device through an Ethernet port, the adapter strips off the power component and sends it to two USB-A ports on the other side of the device. These ports can be used to power USB peripherals or charge mobile devices. The unit acts as a 5-volt DC regulated power supply and is able to provide up to 2 amperes to the USB-A ports combined. The network portion of the signal can be accessed through a second 10/100-capable Ethernet port on the back of the device. It can be used to provide a wired network connection to a computer.



With PoE technology, the adapter does not require a dedicated AC source, as it is fully powered through its middle Ethernet port. PoE allows greater options for placement as the mobile device or peripheral can be used in areas with limited electrical outlets. It can be placed up to 328 ft (100 m) from the power source.

The power adapter's USB-A ports allow you to connect any standard charging cables (use of the cable originally supplied with a mobile device is recommended) to the Raven-A PoE Power Adapter. This makes it a universal device. It is configured at LAVA's factory to work with Android mobile devices, Raspberry Pi and so on. However, for use with Apple products, two jumpers inside the adapter must be adjusted. (See the Installation Guide for more specific information.)

Any standard Ethernet Cat 5/5e/6 cable can be used with the power adapter but it is recommended to use one from a reliable dealer.