

# uRaven-A *Specification Sheet*

## Charge One Device over USB-A with Power over Ethernet and CABM

The uRaven-A PoE Power Adapter splits power and network data from a Power over Ethernet (PoE) input. The unit acts a 5-volt DC regulated power supply to a USB-A receptacle and is capable of providing up to 2 amperes. The receptacle can be used to power a USB peripheral or charge a mobile device. 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 power adapter also features Continuously Active Battery Modulation (CABM) that protects a device from overcharging and its battery from bloating.

### FEATURES

- Power over Ethernet (Class 0)
- Wired networking (10/100 Ethernet) support
- Continuously Active Battery Modulation (CABM) for tablet longevity
- Support for installations running 24/7
- Universal mobile device compatibility
- LAVA Limited Warranty

### SYSTEM REQUIREMENTS

- Mobile devices: Compatible with all mobile devices

### POWER INPUT

- Power over Ethernet (15.4W maximum)
- Appears as a Class 0 PoE Device

### POWER OUTPUT (TO MOBILE DEVICE)

- 5V at 2A

### POWER SUPPLY

- PoE-Capable Network Switch or Power Injector (up to 15.4W)

### PORTS/CONNECTORS

- 1 x USB-A port (power output only: 5V at 2A)
- 1 x RJ45 LAN port (to wired Ethernet connection)
- 1 x RJ45 LAN port (to PoE Network Switch)
- 2 x 6-pin Charger Configuration jumpers (can be reconfigured to work with Apple products)

### INDICATOR LEDS

- 1 x Power indicator LED
- 1 x Charge Status indicator LED
- 1 x Device Link indicator LED

### CONFIGURATION

- 1 x Mode Select button

### CABLES

- 1 x Standard Ethernet Cat 5/5e/6 cable  
**Note:** The cable is not included.

### MEASUREMENTS

- Depth: 3.3 inches (84 mm)
- Width: 3.8 inches (97 mm)
- Height: 1.7 inches (44 mm) – with standoffs
- Weight: 4.3 oz (122 g)