

A8 evc2UE Enclosure *Product/Green Sheet*

Custom Enclosure with Built-in SimulCharge™ Adapter for Samsung Galaxy Tab A8

Designed to work with the Samsung Galaxy Tab A8 (SM-X200) tablet, the A8 evc2UE Enclosure features an integrated SimulCharge™ adapter to turn your device into a full-on tablet-based kiosk.

The built-in eSynC-vc2UE adapter provides the tablet (sold separately) with simultaneous charging and access to data, a built-in voltage converter, wired Ethernet connectivity, two USB-A ports for connecting USB peripherals and Network Recovery and Battery Modulation (RBM) technology.

The A8 evc2UE's on-board DC-DC voltage converter can take a power input of between 9 and 36 volts* and steps it down to the 5 volts required by most mobile devices. It can be used to supply power in permanent and semi-permanent installations (adhering to local electrical codes) with minimal installation cost. This eliminates the requirement for a licensed electrician to install and run a dedicated AC power line.

The enclosure can also be installed up to 50 ft (15 m) from the AC power source. This means it can be installed in locations with limited electrical outlets and provides greater options for mobile device placement.

The A8 evc2UE's Ethernet port provides a reliable 10/100-capable wired network connection and its USB-A ports allow you to connect up to two peripherals, such as a scanner and printer. It is ideal for running mobile POS systems, staff time clocks or digital signage in a 24-hour environment.

Battery Modulation protects the mobile device from overcharging and its battery from bloating, which can cause severe damage to the device. Together with the LAVA Tablet Manager (LTM) app, which needs to be installed on the mobile device, the built-in adapter optimizes battery life and makes the mobile device last longer for a better return on investment. LTM monitors the battery level and users can set upper and lower charging thresholds for the battery. When the battery charges to the higher threshold, the adapter turns off charging and the mobile device is allowed to discharge until it hits the lower threshold. This ensures the battery never overcharges, even if it is left plugged in 24/7. This modulation and overcharge protection helps to extend the lifespan of both the battery and device.

Network Recovery provides a failsafe system to recover the wired network connection if it drops out. If the connection is lost for more than a few minutes, the LTM app sends a command to reset the Ethernet portion of the enclosure's adapter to re-establish the connection. It's the equivalent of unplugging the Ethernet cable and then plugging it back in.

The black, acrylic A8 evc2UE Enclosure also comes with standard VESA 100mm attachment points, which allow for easy tablet mounting and a wide array of personalized setups through VESA-standard commercial monitor arms and mounts.

**The 9-36V DC power supply is not included with the adapter and must be purchased separately.*

