

HANDHELD CARD COUNTER

EMP1100D

PRECISION PHOTOELECTRIC COUNTING

Fast, accurate and effortless card counting for production floors and card bureaus — now reading transparent and black cards alongside flat, embossed and thin stock.



The EMP1100D pairs **advanced low-power digital circuitry** with proven photoelectric sensing to deliver dependable counts across virtually every card type. With on-device data management, PC data transmission, configurable menus and base charging, it is engineered for continuous, all-day use wherever cards are made, finished or dispatched.

COUNTS

FLAT CARDS

EMBOSSED CARDS

THIN CARDS

TRANSPARENT CARDS

BLACK CARDS

AT A GLANCE

WEIGHT
250 g

DIMENSIONS
175×70×36 mm

BATTERY
1200 mAh

DROP RATED
1 m

RUNTIME
8 h+



— THE EMP1100D

FEATURES & SPECS



01

ACCURATE COUNTING

Fast, precise photoelectric counting with simple, reliable one-hand operation.



02

LIGHT & EASY

High-precision sensing in a lightweight build with long standby battery life.



03

DATA TRANSMISSION

Upload counts to a PC through the data-management software; print records as needed.



04

FLEXIBLE CHARGING

Three ways to power up — USB cable, 5 V DC charger, or the charging base.



05

TWO COUNT MODES

Switch between single-point counting and cumulative counting to suit the task.



06

SMART STANDBY

Auto-sleeps after 30 seconds idle; a press of the centre button wakes it instantly.

— FULL SPECIFICATIONS

COUNTING

Photoelectric counting; single-point & cumulative modes.

LCD SCREEN

Battery-capacity display, low-battery alarm; orientation flips with left / right keys.

COUNTING KEYS

Dual directional buttons (left & right) for ambidextrous use.

MULTI-FUNCTION

Reset & power key; hold 2 s to open menu; confirms selections.

BATTERY

3.7 V / 1200 mAh lithium-ion.

POWER SUPPLY

Cell **3.7 V / 800 mAh**, charge current limited to **320 mA**.
Charger input **100–240 V**, 50/60 Hz.

CHARGING

USB cable, 5 V DC charger, or charging base (aux. USB port).

STANDBY

Auto-standby after 30 s idle; centre button wakes the device.

OPERATING

Temp **-10 to 50 °C**; humidity 30–80% RH, non-condensing.

STORAGE

Temp **-20 to 60 °C**; humidity 20–95% RH, non-condensing.

DIMENSIONS

175 × 70 × 36 mm (L × W × H).

WEIGHT

250 g.

DURABILITY

Tested for **8 h+** continuous operation; shock-proof to a **1 m / 3 ft** drop.

DATA & RECORDS

PC upload via data-management software; records printable on demand.

Specifications subject to change without notice. Distributed by Smartstripe Marketing — Singapore (Pte Ltd) & Malaysia (Sdn Bhd).



Trusted Card & Identity Solutions Provider
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