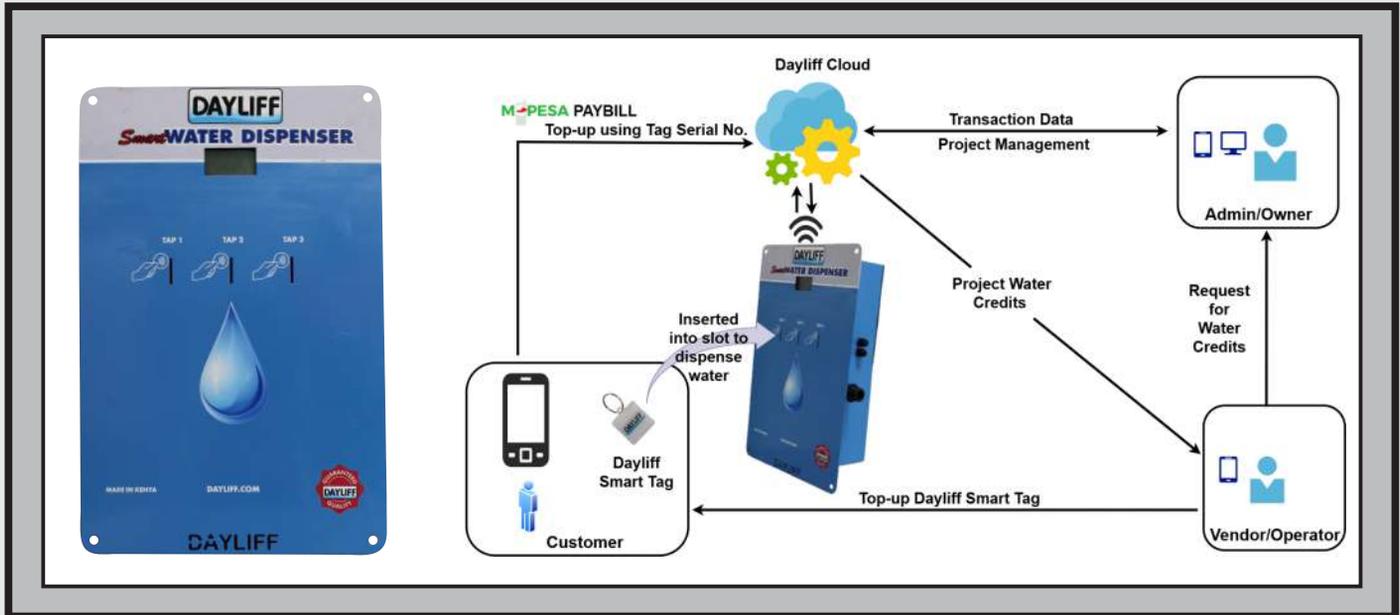




SMART WATER DISPENSER



The Dayliff **Smart Water Dispenser** is an automated prepaid water dispensing unit that enables pay-before-use access to support sustainable water service delivery in community and institutional water-supply systems. It integrates secure payment, accurate flow measurement, intelligent control, and GSM connectivity to deliver reliable, tamper-resistant dispensing with remote monitoring and reporting.

Water users draw water by accessing the dispenser with a secure smart tag loaded with water credits. The unit supports both vendor-assisted top-ups via a secure mobile app and customer self-service purchases through a Mobile Money PayBill account. Purchased water credits are held in an online wallet and synchronized to the tag during dispensing. The system is cloud-enabled, providing an online dashboard for smart water management with either daily manual uploads via a mobile app or automated real-time updates via a subscription service.

The standard solution comprises a three outlet Smart Water Dispensing Unit and 10 smart tags, with the option to add additional tags to support more users. A 2-year cloud subscription service is included. Salient features include:

- **Smart Water Dispensing Unit:** Secure smart tag-based dispenser with LCD user interface, 1" inlet and three 3/4" outlet connections, hall-effect water flow sensors and robust steel housing with security screws.
- **On-grid/Off-grid Ready:** Supplied with a mains power adapter, with an optional solar package for daily operation in off-grid applications.
- **Mobile Money Integration:** Supports integration with mobile money platforms (e.g., M-Pesa) for PayBill-based water credit purchases and automated credit updates.
- **Flexible Water Credit Management:** Water credits can be loaded by an attendant via a secure mobile app, or by customers via mobile money Pay Bill with credits synchronized to the smart tag at the dispenser.

OPERATING CONDITIONS

Humidity: Max 90% non-condensing

Temperature Range: 0 - 40°C

Max Water Temperature: 40°C

Max Flow Rate: 60 L/min per outlet

Inlet Water Pressure Range: 0.1 - 3 bar

SPECIFICATIONS

Power Supply: 1ph 220/240Vac ±10%, 12Vdc

Connectivity: Bluetooth, WiFi/GPRS/4G

Enclosure Class: IP54

Dimensions (H x W x D): 580 x 380 x 223 mm

Power Rating: 25W

Metering Accuracy: > 95%, Minimum Dispense Volume – 5L

Mounting: Flush-mounted (kiosk application)

Weight: 11 kg