

Unmanned Store Smart Panel

**Convert any shipping container into an
Unmanned Store, available 24/7/365!**



- Convenient access to tools and consumables by placing the store right at the point of activity
 - Automatically records **who took what and when**
 - Access to **authorised personnel only**
 - Automated 99% plus **accurate inventory** at all times
 - Safety **alarm and cameras** built in as standard
 - **BIG** carbon and commercial savings, **quick ROI**

Save on carbon!

Be more productive! Save money!

The G1 Unmanned Store Smart Panel is designed to fit in the front of any standard container to convert it into a fully automated unmanned store. It is principally supplied as a kit component for specialist hire and supplies companies to be able to place hire equipment and consumables right at point of activity for their customers. Access to the container is controlled with unique ID fobs, which can be revoked and re-issued at any time. All assets moving in and out are recorded against the individual.

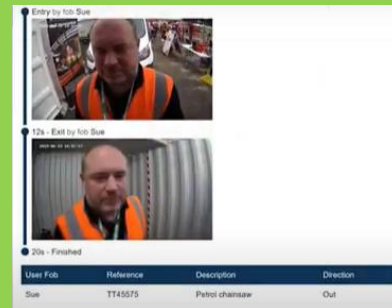
Assets to be tracked are RFID tagged and placed in the store. In a typical visit the user will access the store by presenting their ID fob to the front panel reader. They can return hire items or pick up hire / consumable items before re-presenting their fob an exit reader. Details of all assets moving in or out are recorded, together with images from cameras on each side of the panel.

Every visit...



Every item...

... is recorded



... is automatically transacted

G1 Unmanned Stores are administered using a web portal, which is used to set up and manage store users, view inventory levels and all visit transactions. Store administrators can receive immediate alerts of abnormal store activity, safety alerts and power / comms issues. A dashboard is provided for an at-a-glance view of current store status, including details of any alerts that are still to be dealt with. Reports are available for inventory, visit details by user, consumables stock turn, hire equipment utilisation, stock movements and more...

Technical information

Operating temperature (panel)	-10 to +50 °C
Environment	Suitable for outdoor use when built into a standard shipping container 10, 20, 40 ft
Power supply	110 / 240v ac, 60W. Solar / wind option available on request. Internal battery included for continuous operation during short power outages up to three hours. Auto-shutdown on very low battery
Lighting	Panel provides emergency lighting only. Pass through socket provided for internal fitments
Ventilation	Vents provided top and sides, and for panel electronics
RFID tracking	Passive UHF EPC Gen 2 compliant
Tracking capacity	Up to 1,600 individually tagged items per store typical, can vary with asset types
Access control	LF RFID fob system, no limit on number of issued fobs
Optional extras	Fully autonomous wind and solar power 'Green Pack', smart shelves, bins, hooks and shadow boards for 'replenishable' items that are difficult to tag