



Grade 1 Padlock

Battery-Free Smart Sealing for Moving Assets Between Aircraft and Terminal

For airlines, securing onboard parcels, duty-free trolleys, service equipment and other mobile assets is a constant challenge. Assets move between aircraft, airports, service teams and external partners, making traditional key management difficult to control.

The iLOQ Grade 1 padlock provides a battery-free digital alternative for securing and tracking moving assets. It works as a smart seal, helping organizations control who can open what, when and where.

No Key Management

With iLOQ, the user's phone becomes the key. Access rights can be sent, updated or removed remotely, directly to the phone of the authorized user. This removes the need to manage, distribute or recover physical keys, which is especially valuable when assets are constantly moving between locations and teams.

No Batteries. No Onboard Worries.

The Grade 1 padlock is battery-free, removing the need for battery checks, battery changes or maintenance at the asset. For onboard usage, this means fewer service interruptions, less manual work and a simpler way to secure large numbers of mobile assets.

Track Every Opening

Every opening event can be tracked, giving visibility into who accessed an asset, when and where. This helps create a clear audit trail, improves accountability and supports faster investigation if items are missing, accessed incorrectly or handled outside the normal process.

Reduce Inventory Discrepancies

For duty-free trolleys, onboard parcels and other valuable goods, every access event matters. By tracking openings digitally, airlines can reduce inventory discrepancies, improve process control and create a clearer chain of responsibility across the full journey.

Compact, Smart and Cost-Efficient

The Grade 1 padlock is designed as a compact and cost-efficient smart sealing solution for moving assets. It brings the benefits of digital access to smaller applications without adding batteries, mechanical keys or complex maintenance routines.

Specifications

- IP65
- Security grade: Grade1
- Maximum temperature 176°F, 80°C
- Minimum temperature -40°F, -40°C
- Measurements H50S.161.25.XX
W x H x D, 49,5mm x 76,0mm x 22,5mm

Learn More

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