

OTS®Pulse

WIRELESS NETWORKED
SMART LOCK



ojmar
SMART LOCKING

**FLEXIBLE,
NETWORKED
LOCKING**



**IT'S THE 'SMARTBEAT'
OF YOUR LOCKER SYSTEM.**

The RFID and Bluetooth enabled OTS®Pulse is the ultimate in wireless networked locking solutions. Expand by one or one hundred, no wires means simple, cost-effective and secure locking like never before.

Manage, update and report – from anywhere.



SMARTER LOCKER MANAGEMENT

FEATURES

- Real Time Data and Analytics
- Multi Device Monitoring
- Minimal and Simplified Maintenance
- Plug and Play Installation
- Cost Effective Solution
- No Downtime (operate on and offline)
- Advanced Cyber Security
- Seamless, Simple Integration
- Future Proof Modular Design



**SMART
Wireless**



**SMART
Use**



**SMART
Management**



**SMART
Security**



**SMART
Health**



**SMART
Design**



UNRIVALED FLEXIBILITY

Designed to provide seamless versatility and flexibility in today's changing work and leisure environments, the OTS®Pulse allows management to control, monitor, and optimize locker use as needed; remotely and wirelessly.

Without the need for hardwiring, locks can be retrofitted to established lockers as easily as they can be added to new ones.



FLAWLESS USER EXPERIENCE

Simple to operate with no keys or codes to manage (or forget). Plus, the OTS®PULSE Smart App makes it easy to reserve, open and lock your locker right from your own phone or smart device.

Alternatively, users can operate the lock using assigned RFID credentials, such as a card or bracelet.



SYSTEM ARCHITECTURE



DATASHEET

SPECIFICATIONS

TECHNOLOGY

Protocol	RFID & Bluetooth
RFID Standards	MIFARE® (DESFire EV1 & EV2, Ultralight, Ultralight C, Classic1K/4K 4B and 7B UID – ISO/IEC 14443), ISO 15693
Reading	UID / Sector
Wearables	RFID cards, wristbands, FOBs, Technogym key & Stickers
Bluetooth OS	Android & iOS

USAGE MODES

Public mode	Up to 3 locks simultaneously with just one wearable
Private mode	Up to 6 locks simultaneously with just one wearable
Multifunction mode	Up to 3 free and 3 dedicated locks simultaneously with just one wearable
Rental mode	Configurable in periods of 15 minutes

USER INTERFACES

Notifications	1 LED (Red, Amber & Green)
Lock Closed Notifications	Nozzle in closed position Red LED blinking every 2 seconds (configurable in software)
Alarms	Low Battery Warning High Occupancy Alert

COMMUNICATION INTERFACES

Communication Standard	Wireless 2.4GHz proprietary stack
Encryption Mode	AES 256
Reading Field Range (wireless)	Up to 50m / 164ft (Depending on the layout)

POWER SUPPLY

Batteries (Type & quantity)	4 Alkaline Batteries VARTA Type AA
Battery Life	Up to 10 years at room temperature (Depending on usage and configuration)

COLORS



BLACK

BLACK & GREEN

WHITE

ENVIRONMENTAL CONDITIONS

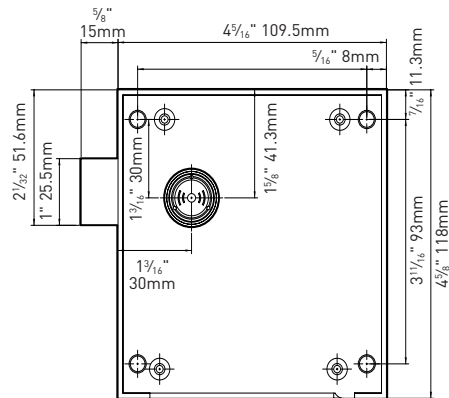
Temperature	From -10°C to 42°C / 14°F to 108°F (indoors)
Humidity	< 97% (Condensation-free)
Protection	Impact - IK09 Water / Particulate Ingress - IP55

GATEWAY INFO

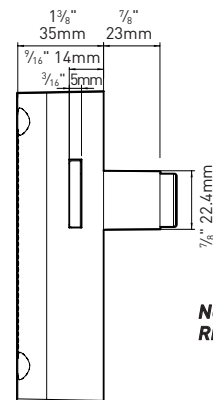
Protocol	2.4 GHz proprietary (IEEE 802.15.4)
Number of Maximum Connections	Up to 1000 (depending on installation layout)
Reading Distance	Up to 50m (depending on installation layout)
Communication Standard	LAN Ethernet RJ-45, USB
Ethernet	DHCP
Power Supply	8-30VDC Output, 12W min. Supports IEEE 802.11 PoE

OPTIONS

Nozzle Color Options	Black Black & Green White
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FRONT VIEW



SIDE VIEW

NOTE: DRAWING SHOWS RIGHT-HAND UNIT