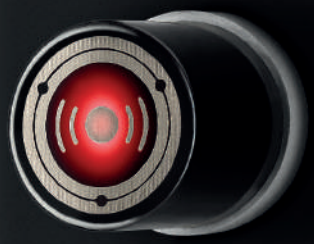
OTS®PULSE

NETWORKED WIRELESS FLEXIBLE



CORPORATE ENG

ojmar®

OTS®PULSE A UNIQUE EXPERIENCE

WELCOME TO THE NEXT EVOLUTION

Having launched the world's first connected wireless system, we now introduce OTS®PULSE, the latest evolution in the OTS® Lock family.

NETWORKED LOCKING SOLUTION

MANAGE, OPERATE AND MONITOR YOUR LOCKERS IN REAL-TIME

OTS®PULSE is the ultimate wireless networked locking solution that operates in highly secure cloud software. Designed to provide the versatility and flexibility demanded in today's hybrid working environment, this smart locker management system is a fully plug-and-play, online, self-managed system. Furthermore, OTS®PULSE can be installed quickly and easily with minimal disruption.

For over 25 years, Ojmar has been supporting the Corporate world offering its wealth of experience, technical expertise and customer - led approach. This has resulted in the company developing the world's most complete locking solution portfolio - from worldwide patented anti-tilt to RFID and Keypad solutions.

SMART LOCKER MANAGEMENT

REAL-TIME DATA AND ANALYTICS.

- Monitor locker usage and occupancy via Ojmar cloud based software.
- Configure reports and audit trails to match management requirements.
- View alarms and manage settings.
- Manage users.
- Leverage the data to optimise your space.

MULTI-DEVICE MONITORING.

Complete dynamic remote access and commissioning is available from the centralised cloud-based management system. Locker systems can be viewed in real-time from any authorised PC, tablet or smartphone, giving administrators the freedom from being tied down to one location.

MINIMAL AND SIMPLIFIED MAINTENANCE .

The OTS®PULSE guarantees minimal maintenance thanks to an industry-leading energy saving platform. For added peace of mind, battery levels and lock status are continually monitored.

WIRELESS

PLUG AND PLAY.

Quick and easy installation without complex, costly hardwiring.

OTS®PULSE doesn't require any expensive servers or infrastructure, just a simple standard internet connection and it's ready to go.

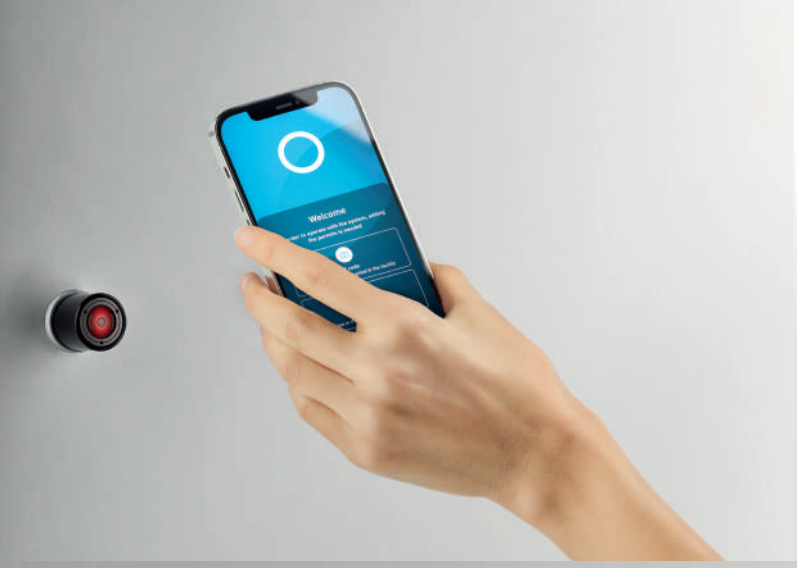
COST EFFECTIVE.

Easy to reconfigure and even modify your locker layout quickly. Get automatic and functional updates. All without additional expensive wiring.

NO DOWNTIME.

Online or offline as needed.

In the event of a network outage or power failure,the lock switches to offline mode whilst continuing to collect data which will be transmitted back to the system once the network is restored. Users are not affected and do not lose access, data or information.



CYBERSECURITY.

The web connection is encrypted via Https with an SSL certificate.

In addition, each incoming connection uses its own dynamically encrypted protocol leaving you safe in the knowledge that your system is secure and tamper-proof.

SECURE CONNECTION

FLEXIBLE

FLEXIBLE WORKSPACE?
HYBRID WORKING?

OTS®PULSE is the right solution.

OPTIMISE YOUR SPACE.

OTS®PULSE lets you easily rearrange your lay-out and adjust lockers configuration with no hassle or cost.

USER EXPERIENCE.

OTS®PULSE is designed to operate free from physical keys or codes which can be lost or forgotten. The App makes it easy to reserve, open and lock your locker easily from your own phone or smart device.

IS YOUR FURNITURE IN TOPNOTCH CONDITION?

DO YOU WANT TO UPGRADE YOUR CURRENT LOCKING SYSTEM?

YOU CAN EASILY DO SO WITH OTS®PULSE!

INTEGRATION.

OTS®PULSE is designed to integrate with other systems within the workplace giving users an one-fit solution.

Simple integration into existing building software or App via ready-to-go SDK.

FUTURE PROOF.

OTS®PULSE is designed to be flexible and adaptable, meeting the needs of your business as it evolves or working practices change. OTS Pulse incorporates different technologies as RFID, BLE and NFC enabling technological cohabitation.

GREEN CREDENTIALS

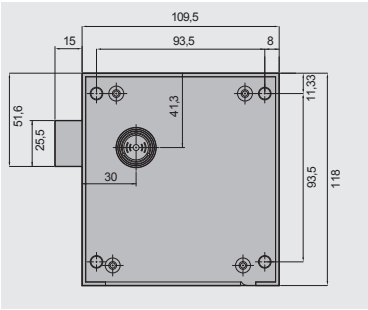
The OTS®PULSE is manufactured in the EU at Ojmar HQ, using 100% recycled energy. Materials and critical components are sourced locally reducing its carbon footprint. Its durable, low- maintenance design, coupled with market-leading battery life of up to 10 years, results in low environmental impact and reduced waste.

With over 100 years of dedication to our craft in an ever-evolving global system, Ojmar remains committed to active environmental protection and a policy of long-term sustainability in manufacturing.

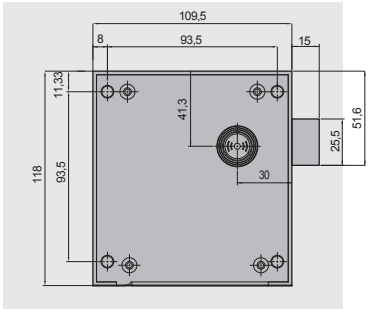
ISO 14001 GA-2006/0345
First company to have the environmental certification in the sector.

CO2-free manufacturing

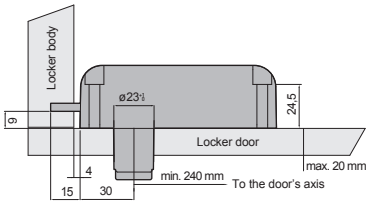
DATASHEET

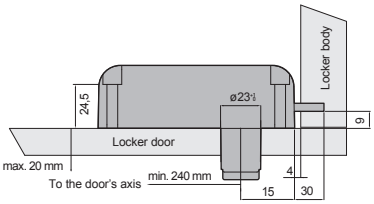


RIGHT HAND



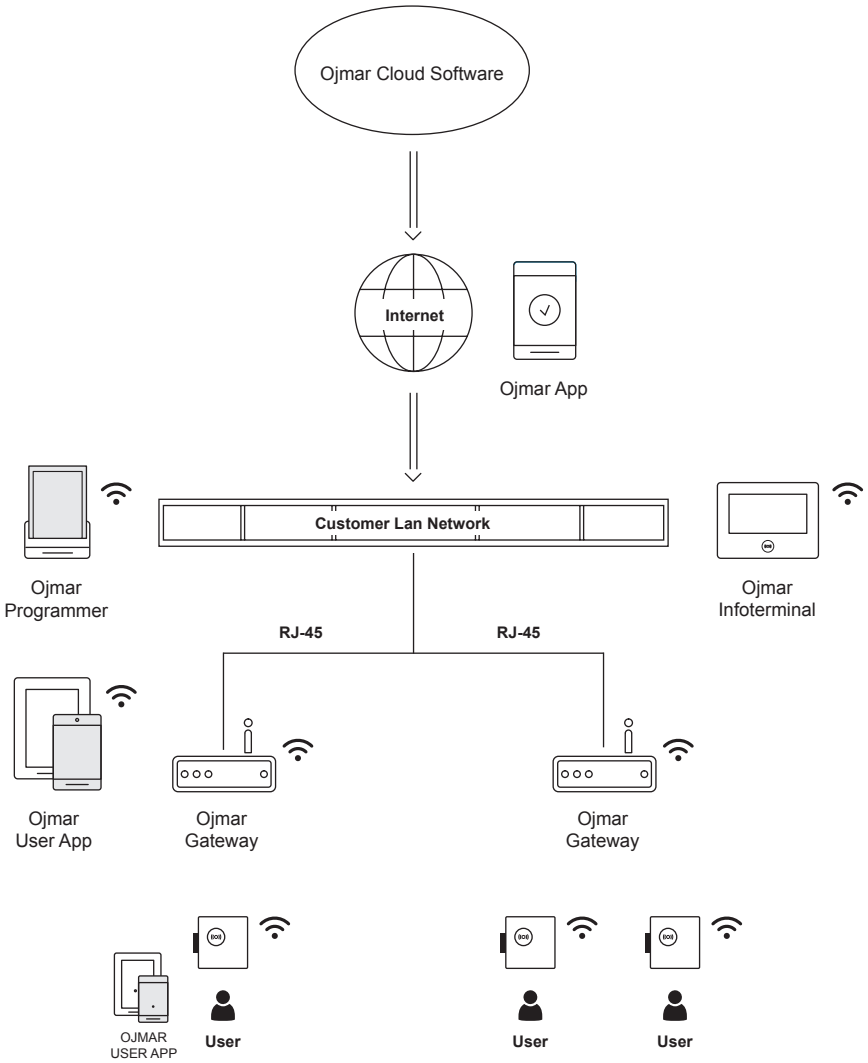
LEFT HAND



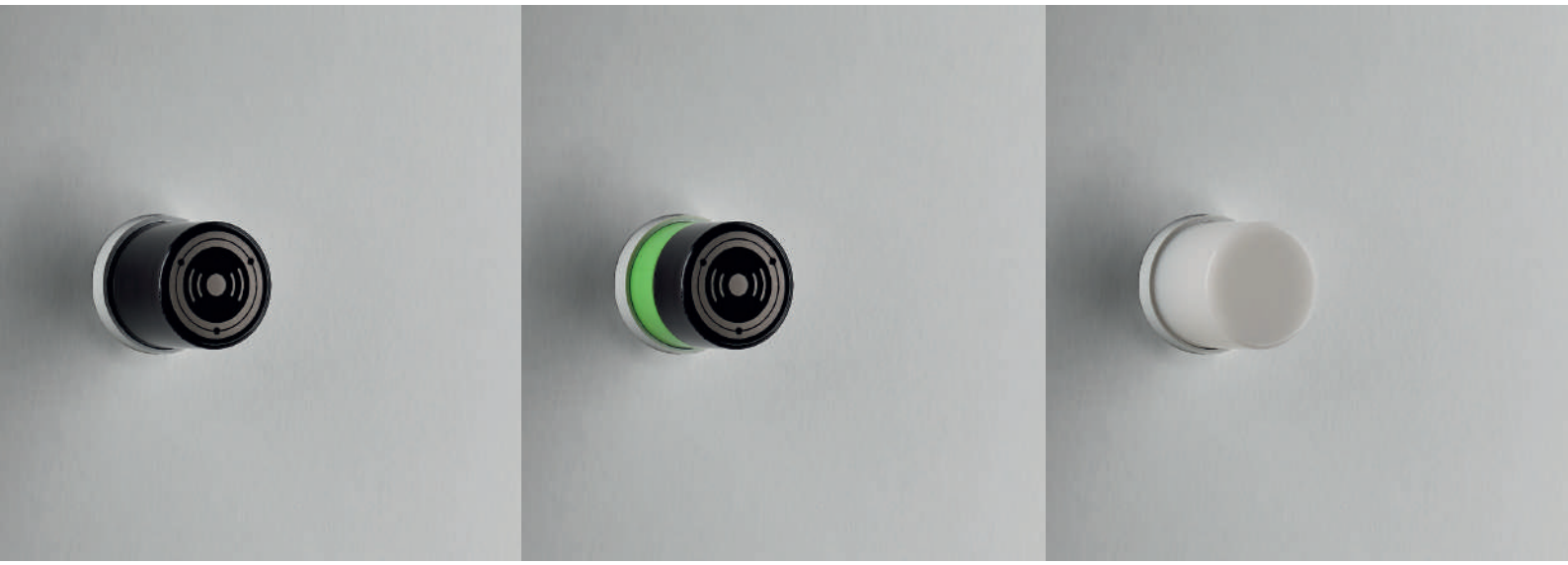


TECHNOLOGIES	Protocol	RFID, Bluetooth
	RFID Standards	MIFARE® (DESFire EV1 & EV2, Ultralight, Ultralight C, Classic1K/4K 4B and 7B UID – ISO/IEC 14443), ISO 15693 HID® Seos and HID® iClass included
	Reading	UID / Sector
	Wearables	RFID cards, wristbands, FOBs, Technogym key & Stickers
	Bluetooth OS	Android & iOS
USAGE MODES	Free mode	Up to 3 locks simultaneously with just one wearable
	Dedicated 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 via app in periods of 15 minutes
USER INTERFACES	Notifications	LED (Red, amber & green)
	Lock closed notifications	Nozzle in closed position Red LED blinking every 2 seconds (configurable) In Software and infoterminal in RT
	Alarms	Low battery warning High occupancy alert
COMMUNICATION INTERFACES	Communication standard	Wireless 2.4GHz propietary stack
	Encryption mode	AES 256
	Reading field range (wireless)	Up to 50 m (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)
MECHANICAL CHARACTERISTICS	Dimensions	119,5 mm x 35 mm x 118 mm
	Weight	375 gr
	Nozzle resistance	1000 N
	Housing	Grey (RAL 7035)
ENVIROMENTAL CONDITIONS	Temperature	From -10ºC to 42ºC (interiors)
	Humidity	< 97% (Condensation free)
	Protection type	IK09 / IP55
GATEWAY INFO	Protocol	2.4 GHz propietary (IEEE 802.15.4)
	Nº of maximum connections	Up to 500 (depending on the layout of the installation)
	Reading distance	Up to 50m (depending on the layout of the installation)
	Communication standard	LAN Ethernet RJ-45, USB
	Ethernet	DHCP
	Power Supply	8-30VDC Output, 12W min. Supports IEEE 802.11 PoE

SYSTEM ARCHITECTURE



NOZZLE FINISHES



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INTELLIGENT LOCKING SYSTEMS

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