ePAC Cylinder™

The ePAC Cylinder™ is a standalone solution that reliably and cost effectively controls access to doors. Fast and simple to install, the ePAC Cylinder can replace existing key based manual cylinders without having to replace the entire lock.

The ePAC Cylinder provides the following benefits:

- Simplified key management – change access rights instead of the whole cylinder
- Remove the need for expensive cylinder swapping in the event of lost or stolen keys
- Eliminates expensive key cutting
- No need for multiple keys to be stored
- Easy to install

With in-built wireless capability the ePAC Cylinder can also link with PAC Controllers offering the opportunity to control access to doors on larger integrated PAC systems.

Key Features:

- Reads KeyPAC® (125KHz) or MiFare (13.56MHz) proximity technology
- Up to 200 keyholders in standalone mode
- Up to 75,000 keyholders when linked with SecureNet™ or EasiNet® Residential systems - connected to PAC controllers using the Wireless Module
- Audible low battery warning signal in standalone mode and low battery warning event log when linked to iPAC™, SecureNet or EasiNet Residential systems
- Replaceable 3V Lithium batteries with battery life of up to 30,000 operations in standalone mode
- External emergency power adapter available
- Service Card, Disassembly Card and Battery Card offers compatibility with more than one Electronic Cylinder
- In-built wireless capability providing easy upgrade from standalone mode to iPAC, SecureNet or EasiNet Residential
- Euro profile Mechanical Cylinder
- Designed for internal use and IP65 rated
- Dual Electronic Cylinder option available per door

Thumb Turn

Hard wearing, solid brass nickel with brushed finish for mechanical exit.

Electronic Cylinder

With an in-built proximity reader, the Electronic Cylinder is designed to ease the task of key management. Easy to administer using the set of programming cards, the Electronic Cylinder reads KeyPAC (125KHz) or MiFare (13.56MHz) proximity technology and with in-built wireless technology can easily be integrated into an iPAC or 500 series access control solution.

Mechanical Cylinder

Euro profile, brass nickel plated Mechanical Cylinder. Available in varying lengths from 30/30mm up to 70/70mm. Designed as a direct replacement for existing cylinders providing a cost effective solution.

Typical Applications:

- Schools
- Hospitals
- Offices
- Residential
- Leisure
- Industrial
- Retail

Features & Specification
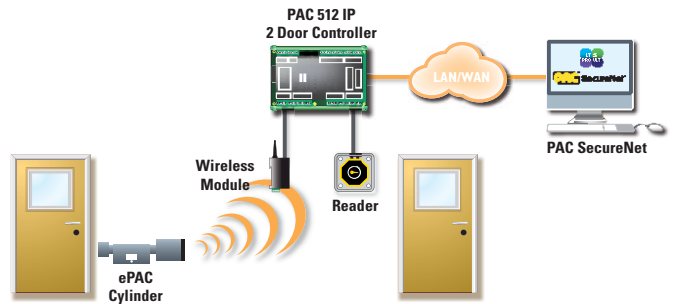
Description	KeyPAC Electronic Cylinder Mifare Electronic Cylinder Mechanical Cylinder Thumb Turn Wireless Module
ID Technology	KeyPAC (125KHz) proximity technology Mifare (13.56MHz) proximity technology
Dimensions	Electronic Cylinder H: 40 x W: 41mm Thumb Turn H: 29.5 x W: 20mm Mechanical Cylinder from H: 30/30mm to W: 70/70mm Wireless Module H: 65 x W: 50 x D: 40mm
Maximum Read Range	KeyPAC Electronic Cylinder up to 50mm Mifare Electronic Cylinder up tp 20mm
Weight	KeyPAC Electronic Cylinder 165g Mifare Electronic Cylinder 165g Mechanical Cylinder from 59g – 275g Thumb Turn 125g Wireless Module 63g
Environment	IP65 rated
Power Supply	Electronic Cylinder - Batteries: 2 x Type CR-2 3V Lithium Wireless Module – 8-20V DC or 8-16V AC
Battery Life	20,000 to 30,000 uses at 20°c
Power Input	High: 5-20V DC/AC (Power: 1.5mA @ 12V) Low: Maximum 50 µV DC/AC
Operating Temperature	-20°c to 65°c
Audiovisual Indication	Red & Green LED's with audible sounder
Material	KeyPAC Electronic Cylinder – Brass Nickel plated Mifare Electronic Cylinder – Brass Nickel plated Mechanical Cylinder – Brass Nickel Thumb Turn – Brass Nickel
Certifications	Declaration of Conformity (on request)

Ordering Information

Part Number	Description
40249	KeyPAC Electronic Cylinder
40312	MiFare Electronic Cylinder
40262	Mechanical Cylinder 30/30mm*
40271	Mechanical Cylinder 35/35mm*
40251	Thumb Turn
40250	KeyPAC Programming Card Set
40313	MiFare Programming Card Set
40252	Wireless Module without Antenna
40253	Antenna 868 MHz Type-1 (range up to 8m)
40256	External Power Adapter for Electronic Cylinder
40257	Battery Change Tool - for Cylinder Housing (pack of 5)
20019	KeyPAC ID Wallet (10 KeyPAC tokens with 10 shadow cards)
20018	KeyPAC ID Wallet (10 KeyPAC cards with 10 shadow cards)

Various lengths available from 30/30mm up to 70/70mm.
Please contact Customer Services for more information.

Wireless Module

The Wireless Module offers the ability to seamlessly connect the ePAC Cylinder to PAC controllers and provides the following benefits:

- Compatible with iPAC and 500 Series controllers

- Can be mounted up to 8m from the Electronic Cylinder (*dependant on building environment*)

- When used with PAC access control software, the ePAC Cylinder offers full door control and monitoring, for example: keyholder information, time profiles, access groups, passage mode, door status and area management etc

- If communication is lost between the ePAC Cylinder and Wireless Module, the cylinder will automatically revert to standalone mode using the internally pre-programmed keyholder list

- No need to use software tools when pairing the ePAC Cylinder with the Wireless Module

- Encrypted communication between the ePAC Cylinder and Wireless Module for secure communication