



# Product Catalogue



# Comelit. SINCE EVER.

Comelit has, **since 1956**, grown from a base of **intercom and video intercom** solutions into **being a world leader in integrated security solutions** including anti-intrusion, video surveillance, home automation, fire detection and access control systems alongside video door entry systems.

With **values of constant evolution**, user friendliness, reliability, and multi-functionality, Comelit is **your trusted security partner** for securing residential, educational, public sector and commercial customers.

## OUR PROMISE, OUR COMMITMENT.

Comelit has a **global presence and support capability** with 17 branch offices, 6 R&D centres, more than 800 employees and a commercial presence in over 90 countries. We are **With You. Always**, where your success is our success.

**WITH  
YOU  
ALWAYS**

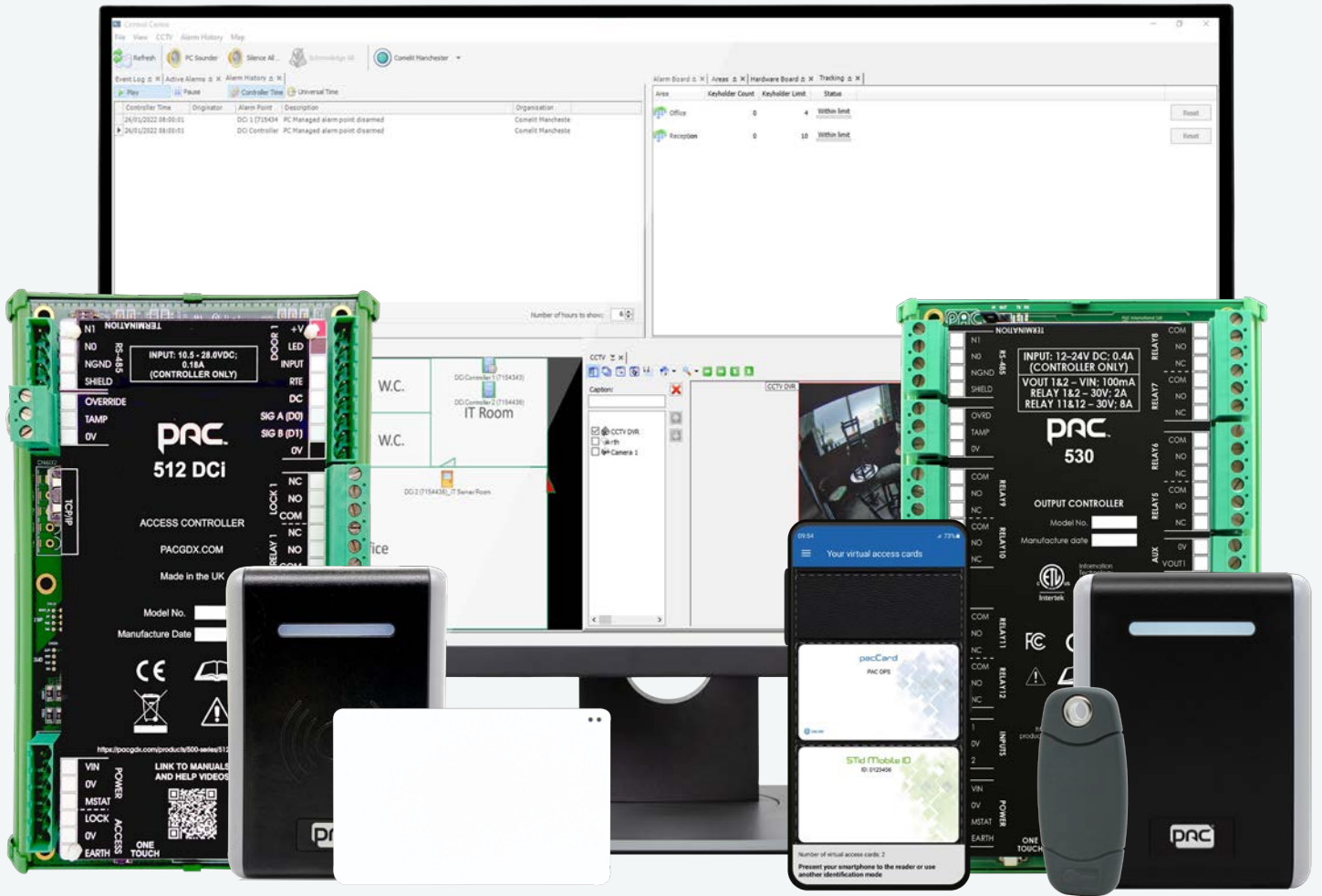
Comelit-PAC, is the **specialised Access Control division** within Comelit, with over 40 years' experience in **designing and manufacturing** secure access control products. Working **closely in partnership** with consultant engineers, architect partners, distributors, and installers, **enables** the PAC products to be **continually developed** and meet the requirements of the **access control market** and its associated legislation.



## PAC Access Control. KEEPING YOU SECURE.

Our market leading **PAC access control** is built on a foundation of **continuous innovation** in security systems that are **scalable, easy to install and maintainable**.

Our offering includes **readers, controllers, ID devices and management solutions**, which can be **seamlessly integrated** with door entry, video surveillance, time and attendance, intruder and fire safety systems.



# Table of Contents

What We Do	4
PAC Overview	5
Management Software	6
Door Controllers	14
Input & Output Controllers	18
Readers	20
Exit Devices & Accessories	23
ID Devices	26
PAC Options	30
PAC Residential Cloud	32
Training Academy	34
Contact Us	35

# What We Do

## READERS

Truly versatile, scalable and backward compatible for ease of upgrading, the PAC readers provide an unparalleled standard of security and robustness in a variety of applications.

## CONTROLLERS

With unbeatable reliability and flexibility, our extensive range provides a multitude of solutions to suit a variety of applications and environments.

## ID DEVICES

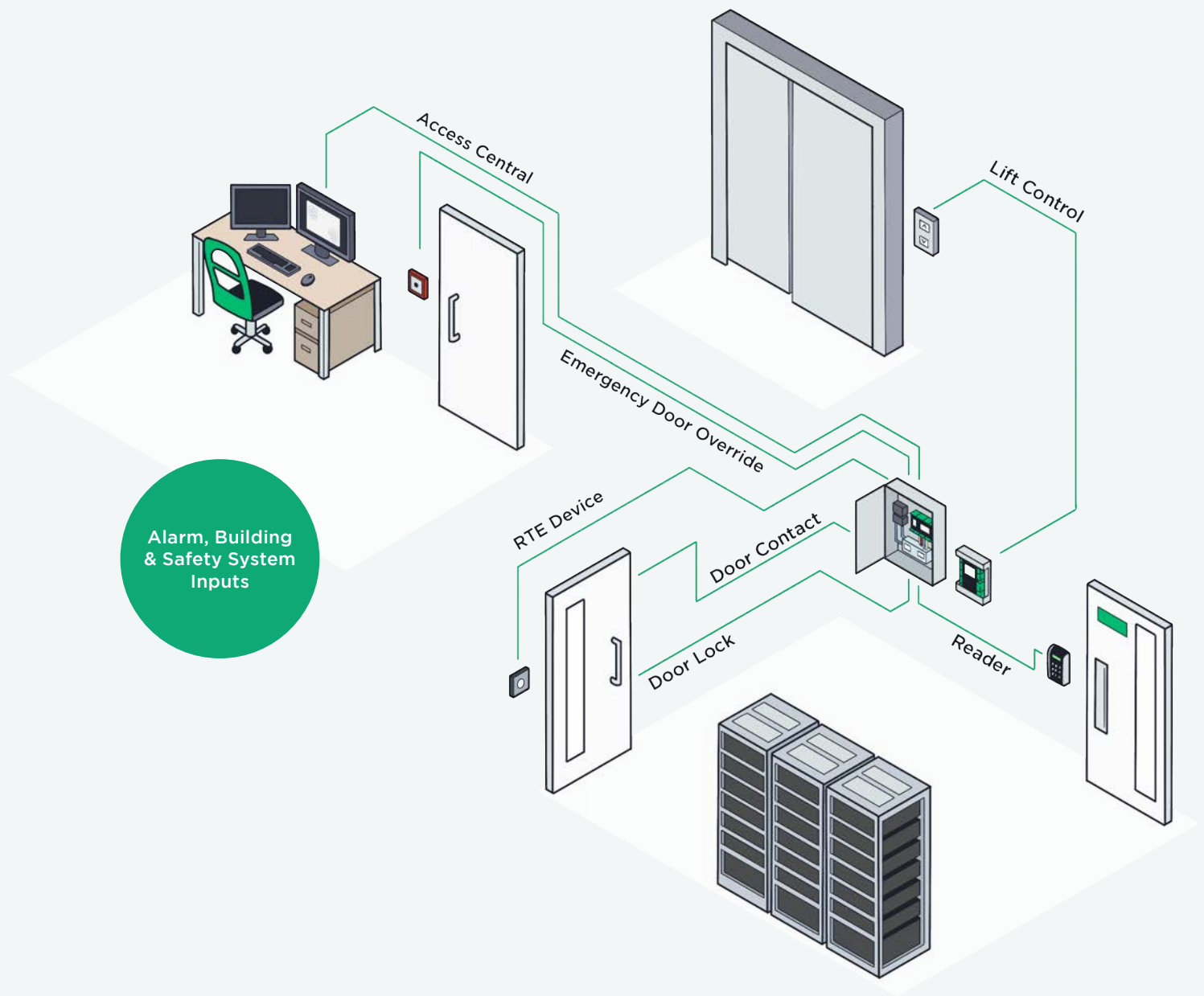
PAC ID Devices come in a range of forms (token, card or mobile) and technology types that enable a variety of user options.

## MANAGEMENT SOFTWARE

Our software integrates seamlessly with the PAC controllers to provide a powerful configuration and in-life proactive management platform.

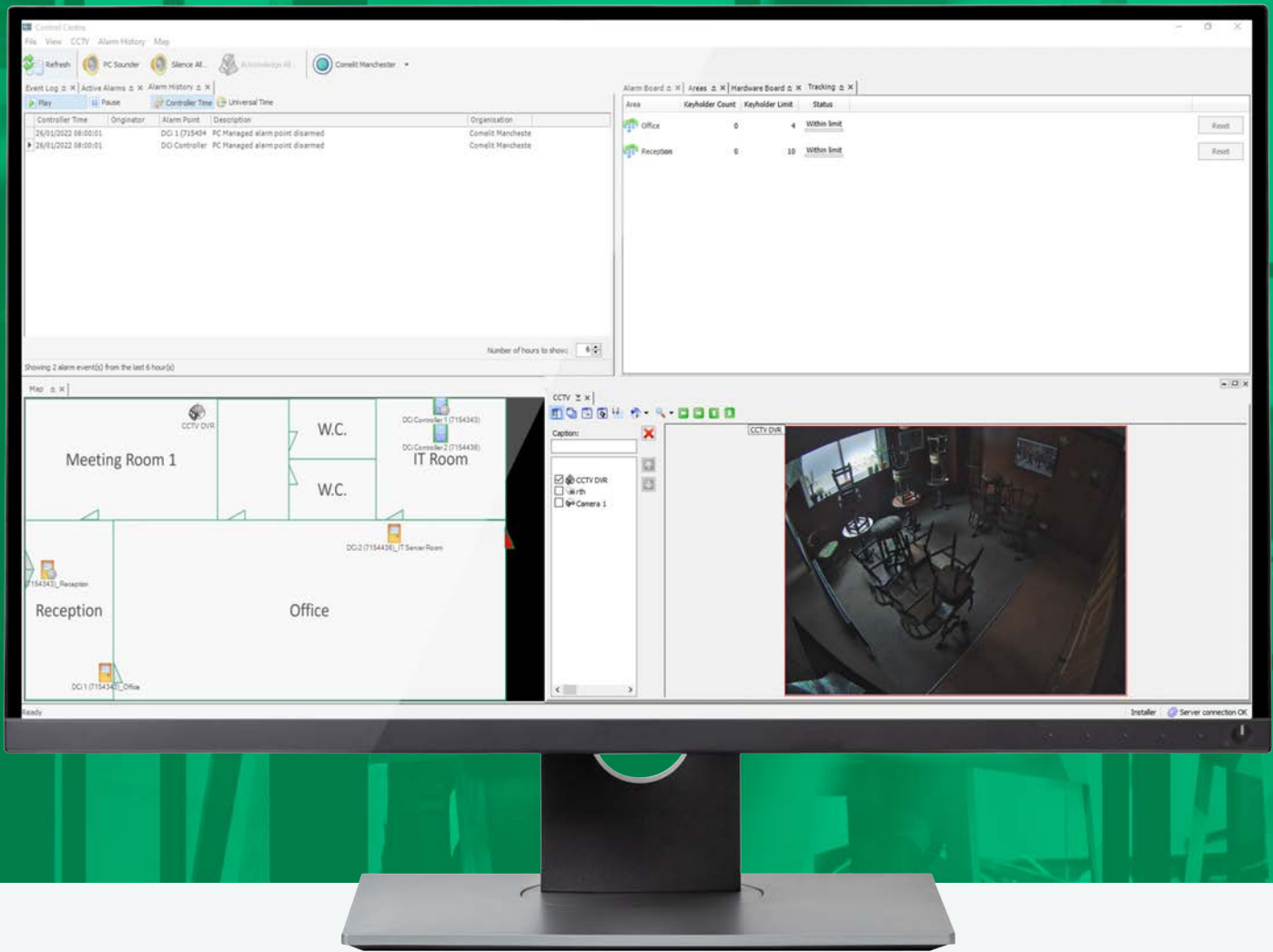


# Adding PAC Value



## Designed to provide unbeatable reliability and functionality

With over 60 years' experience in designing and manufacturing secure access control products and integrated security solutions, PAC provides a well-established range that delivers flexible integrated security solutions for the commercial and residential market sectors.



# Management Software

**Our management solutions take PAC access control away from a valid key opening a door to a proactive management and monitoring solution.**

Designed on the principles of ease of use, flexibility and value, PAC software supports the scaling of a PAC system from small to large installations as well as simple to complex feature capability. PAC software also delivers integrated security solutions through programmable Event to Action rules that interact with other building/safety system hardware as well as a powerful API for software integration.



## **PAC Access Central and EasiNet Residential software platforms protect people, property and assets.**

Our management software is committed to support people safety and building security policies being automatically enforced, monitored and reported on within the PAC system.

### **Designed with the user in mind.**

PAC management software is built around a User Interface that supports the different roles within an organisation through a focus on logically providing configuration, alarm & event monitoring and reporting screens for reliable management of a PAC system.

Value can be added through integration through a standard SDK API that supports a large range of integrations into Visitor Management, Time & Attendance, Fire, Building, Payment systems to name but a few.

# PAC Access Central™

## Designed for commercial applications.

A management platform dedicated to commercial/educational environments.

Access Central is a powerful software management platform designed to support commercial and educational sectors with access control and building management features. These capabilities are dedicated to supporting a wide range of security applications from a single premises to a large multi-site commercial or educational environment.

### SOFTWARE LICENCE

#### Access Central™ SE Edition

13490/1.00

*For systems up to 250 doors and 20,000 keyholder records.*



#### Access Central™ Professional Edition

13491/1.00

*For systems up to 2000 doors and 75,000 keyholder records*



**Software downloadable from the [pacgdx.com](http://pacgdx.com) website.**

### FEATURE PACKS

#### Active Directory Feature Pack

13494/1.00



#### Token Format Feature Pack

13495/1.00



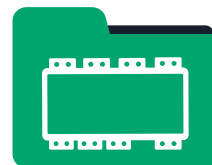
#### Browser Interface Feature Pack

13493/1.00



#### PAC 2000 Series Support Feature Pack

13492/1.00





# PAC Access Central™ • Software Features

Features	SE Edition	Professional Edition
<b>FEATURE LICENCE LIMITS</b>		
No. of Doors	250	2000
Areas	✓	✓
No. of Time Profiles	20	2000
No. of Holiday Profiles	5	200
No. of Access Groups	1000	5000
Event To Action Manager	✓	✓
Area Management	✗	✓
Lift Call	✓	✓
Lift Control	✓	✓
Lift Management	✗	✓
No. of Lifts	20	100
CCTV	✓	✓
Occupancy Tracking	✗	✓
Managed Entrance	✗	✓
Global Anti-Passback	✗	✓
Guard Tour	✗	✓
Time Zones	✓	✓
Card Designer	✓	✓
Access Options	✓	✗
Alarm Management	✓	✓
Alarm Point Time Profiles	✓	✓
Alarm Configurable Arm/Disarm	✓	✓
Event Archiving	✓	✓
PC Pop-up Alerts	✓	✓
Personal Access	✓	✓
Area Mode Profiles	✗	✓
Door Mode Profiles	✓	✓
Reader Mode Profiles	✓	✓
No. of Muster Points	10	100
Audit Trail	✓	✓
Map Designer	✓	✓
Token Formats	Feature Pack	✓
Visual Verification	✓	✓
Local Anti-Passback	✓	✓
Event Relay	✓	✓

# PAC Access Central™ • Software Features

Features	SE Edition	Professional Edition
<b>HARDWARE LICENCE LIMITS</b>		
IP channels supported	✓	✓
No. of Direct channels	50	100
No. of Dialup channels	50	750
Over-Air-IP	✓	✓
VPN for Over-Air-IP	✓	✓
No. of 512 controllers on a Direct channel	24	24
No. of 512 controllers on an IP channel	24	24
No. of 512 controllers on a Dialup channel	4	4
PAC 520/530 support (I/O controllers)	✓	✓
No. of 520/530 I/O controllers Supported	4	4000
No. of 520/530 I/O controllers on a PAC 512DC/DCi Channel	4	4
<b>COMPATIBILITY FEATURES</b>		
No. of PAC 500 channels	✗	500
No. of PAC 500 (and PAC 500 controlled 520/530) Controllers on a PAC 500 channel	✗	24
PAC 2000 Series support	Feature Pack	Feature Pack
<b>USER LICENCE LIMITS</b>		
No. of PAC 500 channels	✓	500
Keys	20000	75000
Key-holders	✓	✓
Operators	25	100
Unused Key Expiry	✓	✓
<b>SYSTEM LICENCE LIMITS</b>		
Org Units	5	100
Client PCs	5	15
Alarm Workstations	2	8
Web Browser Interface	Feature Pack	✓
Active Directory	Feature Pack	Feature Pack

# PAC Easinet Residential™

## Designed for residential customers.

Access Control management with enhanced security that is specifically designed for residential customers.

EasiNet Residential is designed to support residential deployments with customer focused features and a dedicated User Interface for configuring and maintaining security through electronic access and building controls to single location or multi-site residential estates.

### SOFTWARE LICENCE

#### EasiNet™ Residential Software

909052909

200 Doors, 50 Dial-up Channels, 50 Direct Channels, PAC and Easikey 1000 support.



#### EasiNet™ Residential Professional Edition

909052915

750 Doors, 500 Dial-up Channels, 100 Direct Channels and 25 Org Units.



### FEATURE PACKS

#### Extra 10 Door pack

13969



#### Extra 50 Door pack

13970



#### Extra 10 Dial-up Channels

13967



#### Extra 50 Dial-up Channels

13968



#### 500 Access Group upgrade

13402



#### 5,000 Key-holder upgrade

13086



#### 10 Operators Upgrade

13114



#### Additional Client PC upgrade

909052910

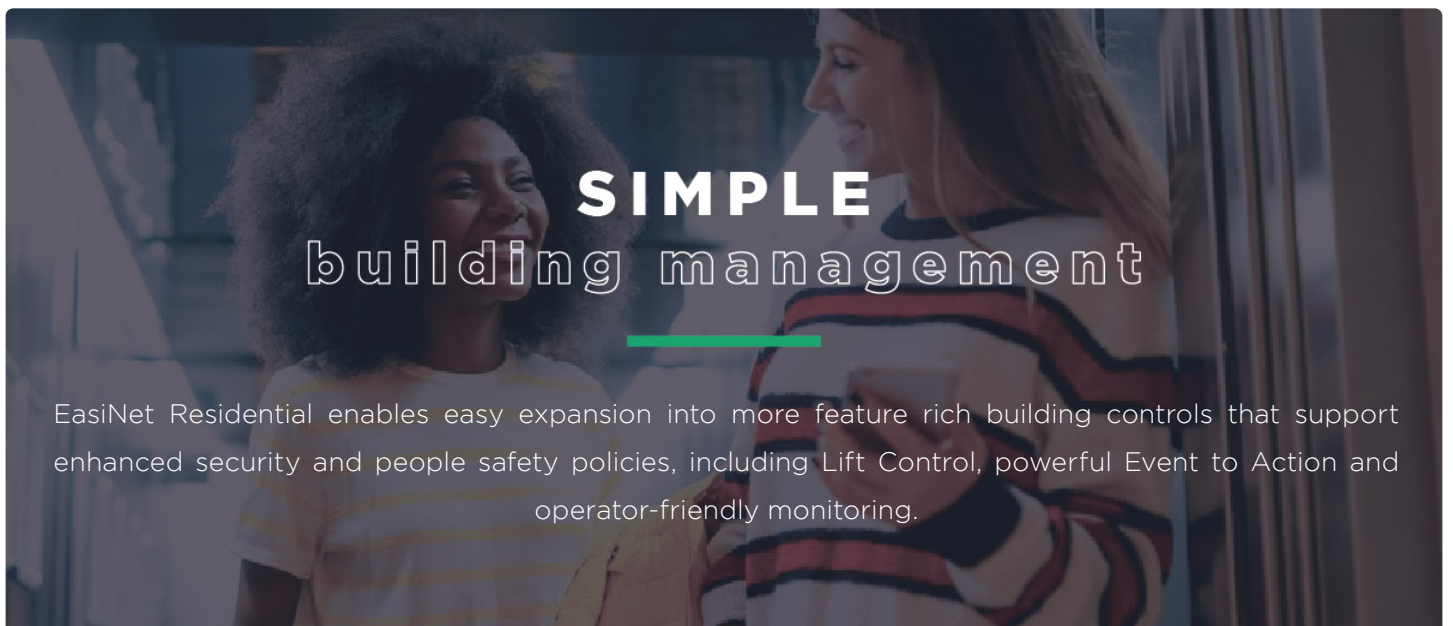


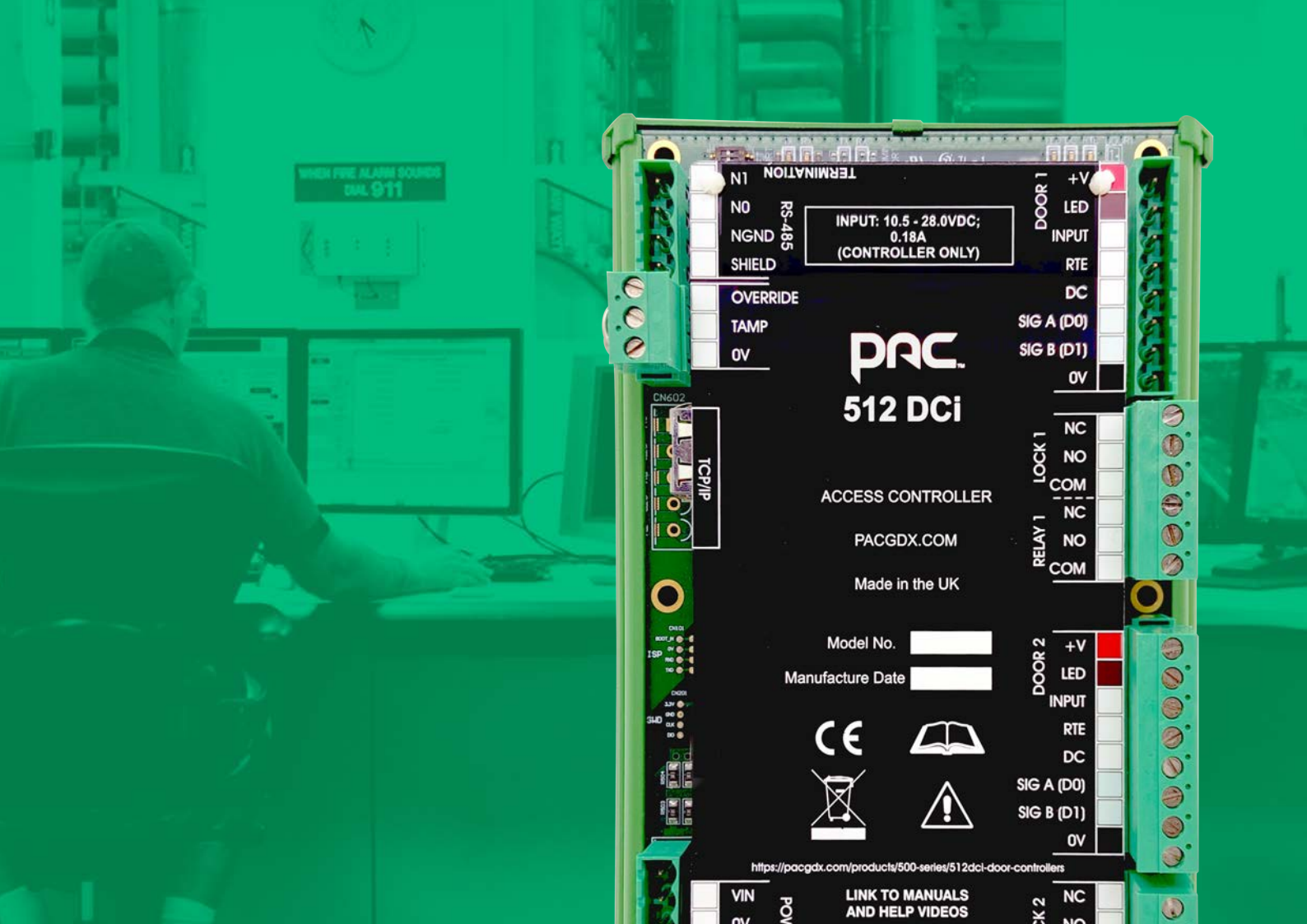
# PAC Easinet Residential™ • Software Features

Features	EasiNet™ Residential Edition	EasiNet™ Professional Edition
<b>FEATURE LICENCE LIMITS</b>		
No. Of Doors	200	750
Areas	✓	✓
User defined Access Groups	✗	✓
Event to Action Manager	✓	✓
Area Management	✗	✓
Lift Call	✓	✓
Lift Control	✓	✓
No. Of Lifts	20	100
CCTV	✓	✓
Time Zones	✓	✓
No. Of Time Profiles	50	100
No. Of Holiday Profiles	2	5
No. Of Access Groups	500	2000
Department Access	✗	✓
Timed Access	✗	✓
Card Designer	✓	✓
Control Centre	✓	✓
Event Archiving	✓	✓
Personal Access	✓	✓
Audit Trail	✗	✓
Token Formats	Feature Pack	✓
<b>USER LICENCE LIMITS</b>		
Key-holders	20000	30000
Operators	10	15
Unused Key Expiry	✓	✓

# PAC Easinet Residential™ • Software Features

Features	EasiNet™ Residential Edition	EasiNet™ Professional Edition
<b>HARDWARE LICENCE LIMITS</b>		
PAC 512 DC controller support	✓	✓
No. Of PAC 2100/2200 controllers	250	750
IP channels support	✓	✓
No. Of Direct channels	50	100
No. Of Dialup channels	50	500
VPN for Over-Air-IP	✓	✓
No. Of 512 controllers on a direct channel	24	24
No. Of 512 controllers on an IP channel	24	24
No. Of 512 controllers on a dialup channel	4	4
PAC 520/530 support (I/O Controllers)	✓	✓
No. Of 520/530 controllers supported	4	4000
No. Of 520/530 controllers on a PAC 512 DC/DCi Channel	4	4
Online Controllers	✓	✓
Data switch support	✓	✓
Biometric Reader Support	✓	✓
EasiKey 1000 Support	✓	✓
<b>SYSTEM LICENCE LIMITS</b>		
Org Units	1	25
Client PCs	2	15
Web Browser Interface	✓	✓





# Door Controllers

**Our extensive range provides a multitude of solutions to suit a variety of applications and environments.**

Developed under the rigorous eye of industry experts, PAC Controllers follow strict compliance standards to ensure our equipment works in all possible conditions. From a simple two-door controller to a global network system that connects and controls access in multiple locations, PAC offer solutions to match your specific requirements.

# 212 Controllers

## PAC 212 Standalone Access Controller.

Suitable to secure 1 or 2 doors • As a standalone controller with no need for any additional software • Security Level: Medium or High



2,000 doors      20,000 ID Devices

### LOW FREQUENCY

#### PAC 212 LF Controller

909033079

*PCB only version. Ideal for installing in OEM panels/equipment*



#### PAC 212 DIN MOUNT LF Controller

909033075

*DIN mount version. Designed for installing in our 4 or 6 way cabinets*



#### Boxed with cut-out PAC 212 LF Controller

909033076

*Pre-wired with 3Amp PSU in metal case with tamper switch, circuit and cut-out*



#### Boxed PAC 212 LF Controller

909033074

*Pre-wired with 3Amp PSU in metal case with tamper switch and circuit*



### HIGH FREQUENCY

#### Un-Boxed PAC 212 HF Controller

909034079

*PCB only. Ideal for installing in OEM panels/equipment*



#### Un-Boxed PAC 212 HF Controller

909034075

*PCB with DIN mount fixing, designed for installing in our 4 way or 6 way cabinets*



#### Boxed with cut-out PAC 212 HF Controller

909034076

*Pre-wired with 3Amp PSU in metal case with tamper switch, circuit and cut-out*



#### Boxed PAC 212 HF Controller

909034074

*Pre-wired with 3Amp PSU in metal case with tamper switch and circuit*



# 512 Controllers

Fully featured 2 door access controllers that form the basis of our Networked Access Control solution.

Scalability from 2 to 2,000 doors • Security Level: Medium or High



2,000 doors      20,000 ID Devices

## 512DCi CONTROLLERS

### PAC 512 DCi DIN Mount Access Controller

909030155

IP controller, complete with DIN Mount for fitting in to PAC's 4 or 6 way DIN Mount enclosures



### Boxed PAC 512 DCi Access Controller

909030154

Complete with lockable metal case, tamper switch and 3Amp PSU



## 512DC CONTROLLERS

### PAC 512 DC DIN Mount Access controller

909030055

RS-485 serial controller, complete with DIN Mount for fitting in to PAC's 4 or 6 way DIN Mount enclosures



### PAC 512 DC Access controller

909030765

RS-485 serial controller, PCB only version



### Sarel Boxed PAC 512 DC Access Controller with modem

909031076

RS-485 serial controller complete with vandal resistant, lockable Sarel Cabinet, tamper switch and 3Amp PSU and complete with GSM Modem and low profile aerial



### Boxed PAC 512 DC Access controller

909030054

RS-485 serial controller, complete with lockable metal case, tamper switch and 3Amp PSU



### Sarel Boxed PAC 512 DC Access Controller

909031074

RS-485 serial controller, complete with vandal resistant, lockable metal Sarel Cabinet, tamper switch and 3Amp PSU





# Controller Accessories

A range of high quality accessories for flexibility in building or upgrading your PAC system.

## POWER SUPPLY UNITS

### 12V Power Supply with Battery Charger

DIN Rail: 909032059  
No DIN Rail: 7280537

Output 12 V DC at 50W



### 24V Power Supply with Battery Charger

DIN Rail: 909032059/1.00  
No DIN Rail: 952/3.00

Output 24 V DC at 50W



### 12/24V Power Supply with Battery Charger

909022008

Output 12/24 V DC at 99W



## ENCLOSURES

### Four-way lockable DIN rail enclosure

10031  
590 x 580 x 110mm



### Six-way lockable DIN rail enclosure

10032  
770 x 590 x 120mm



## UPGRADE KITS

### Retrofit Kit - PAC 2000 Series to PAC 512 Series Controller Back Plate

909021753

Complete with fixings for two PAC 512 series controllers



### Retrofit Kit - Two 512DC

909030909

Complete with two PAC 512 DC Controllers

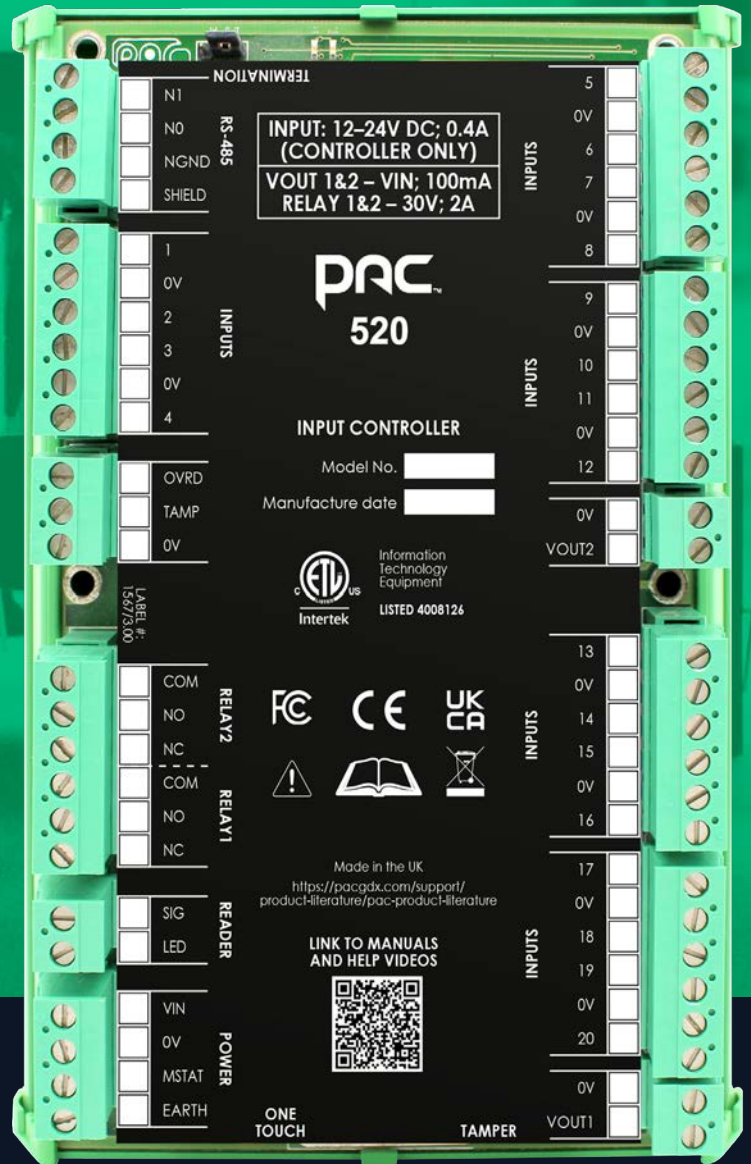


### Retrofit Kit - 512DCi/512DC

909030908

Complete with PAC 512DCi & PAC 512 DC controllers





# Input and Output Controllers

**Fully featured Input and Output Controllers for connecting to and driving additional sensors and equipment on site.**

The I/O Controllers support alarm management and the PAC Event to Action rules built and managed within the PAC management software.

# Input Controllers

Offering easy extension of the PAC access control system into alarm monitoring and management capability.



Input Relay

## PAC 520 Input Controller - DIN Mount

909020053

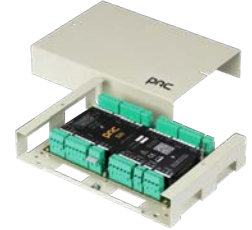
*DIN mountable 520 Input Controller.*



## PAC 520 Input Controller in a Metal Case

909020051

*Boxed 520 Input Controller in a metal case.*



# Output Controllers

Enables extension of the PAC access control system into additional access control and security management functions, including lift control.



Output Relay

## PAC 530 Output Controller - DIN Mount

909020052

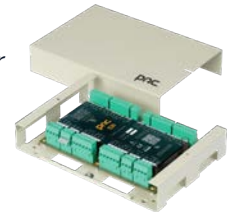
*DIN mountable 530 Output Controller.*



## PAC 530 Output Controller in a Metal Case

909020050

*Boxed 530 Output Controller in a metal case.*



## FEATURE-RICH controllers

The PAC I/O Controllers are feature rich and highly configurable that deliver enhanced security and building control including, but not limited to, Lift control, monitoring, alarms, sounders, security shutters and CCTV pre-sets.





# Readers

---

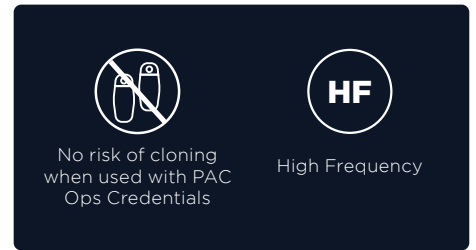
**PAC Readers provide an unparalleled standard of security and robustness in a variety of applications.**

A wide range of PAC readers are available to meet customers requirements, based on a variety of factors including authentication method, installation options or aesthetics. They are all designed and manufactured to high standards with a deserved reputation for their longevity in all environments.

# PAC High Frequency Readers

PAC's range of HF readers support PAC's unclonable Ops™ credentials as well as other standard 13.56MHz RFID credentials.

Security Level: High



## PAC GS3 HF - Mullion Reader

909020120

*Compact, IP65 rated reader designed to fit onto a door frame*



## PAC GS3 HF - Standard Reader

909020121

*IP65 rated reader designed to fit with most standard electrical back-boxes*



## PAC GS3 HF - PIN & Prox Reader

909020122

*IP65 rated dual authentication reader designed to fit with most standard electrical back-boxes*



## GS3 HF Vandal Reader - Blue & Grey

909022118

*High quality, IP67 rated vandal resistant reader certified to Security Grade 3 level*



## GS3 HF Vandal Reader - Black & Yellow

909020118

*High quality, IP67 rated vandal resistant reader certified to Security Grade 3 level*



## GS3 HF Panel Mount Reader - Blue & Grey

909022119

*IP65 rated panel mount reader to fit into standard panel openings for integration with intercoms and other systems*



## GS3 HF Panel Mount Reader - Black & Yellow

909020119

*IP65 rated panel mount reader to fit into standard panel openings for integration with intercoms and other systems*



## PAC DS1 Reader

909012182

*IP55 rated indoor reader designed to fit onto a door frame*



## PAC GS3 HF - Backbox Reader

909020124

*IP55 rated indoor reader designed to fit into a standard electrical backbox*



# PAC Multi-Technology Readers



PAC's range of MT readers support both LF and HF credentials including PAC Ops (13.56MHz), PAC (153kHz) and KeyPAC (125kHz) credentials as well as other standard 125kHz LF and 13.56MHz HF RFID credentials.

Security Level: Medium or High

## PAC GS3 MT - Mullion Reader

909020112

Compact, IP65 rated reader designed to fit onto a door frame



## PAC GS3 MT - Standard Reader

909020113

IP65 rated reader designed to fit with most standard electrical backboxes



## PAC GS3 MT - PIN & Prox Reader

909020114

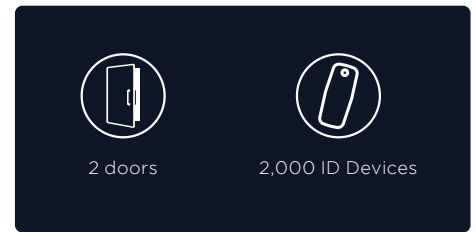
IP65 rated dual authentication reader designed to fit with most standard electrical backboxes



# PAC Low Frequency Readers

PAC's range of LF readers support PAC's PAC (153kHz) and KeyPAC (125kHz) credentials as well as other standard 125kHz RFID credentials.

Security Level: Medium



## PAC GS3 LF - Mullion Reader

909020110

Compact, IP65 rated reader designed to fit onto a door frame



## PAC GS3 LF - Standard Reader

909020111

IP65 rated reader designed to fit with most standard electrical backboxes



## GS3 LF Vandal Reader - Blue & Grey

909022116

High quality, IP67 rated vandal resistant reader certified to Security Grade 3 level



## GS3 LF Vandal Reader - Black & Yellow

909020116

High quality, IP67 rated vandal resistant reader certified to Security Grade 3 level



## GS3 LF Panel Mount Reader - Blue & Grey

909022117

IP65 rated panel mount reader designed to fit into standard panel openings for integration with intercoms and other systems



## GS3 LF Panel Mount Reader - Black & Yellow

909020117

IP65 rated panel mount reader designed to fit into standard panel openings for integration with intercoms and other systems





# PAC Exit Devices

Exit devices are located on the secure side of the door and used in conjunction with access control systems. The exit device is used to “request to exit” to ensure people can safely exit an area.

## Hands Free Request to Exit Button

GB014617

IP65 rated hands-free designed to fit into a standard electrical backbox



## PAC Push to Exit

23002

25mm button, single gang stainless steel plate



## PAC Push to Exit (Yellow ring)

23003

25mm button with Yellow ring, single gang stainless steel plate



# Accessories

## Vandal-Resistant Screwdriver

1950

Vandal resistant screw driver for use with 20116, 22116, 20118, 22118



## Easikey Power Supply - 3 Amp

906011240

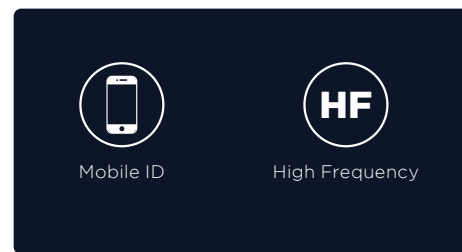
Input 180 - 264v, Output 13.8v



# Architect Range by PAC

A range of readers designed by architects that support PAC Ops and Digital smartphone credentials.

Security Level: High



## Architect One Reader

7257710

Compact HF reader for supporting PAC OPS ID devices.



## Architect A Reader

7257712

Standard HF reader for supporting PAC OPS ID devices.



## Blue Secure Mobile ID Device

7257718

AES 128Bit encrypted Smartphone Digital credential. Encrypted smartphone credential, equivalent to PAC Ops security.



## Architect One Blue Reader

7257711

Compact bluetooth reader supporting Smartphone Mobile IDs and PAC Ops credentials



## Architect A Blue Reader

7257713

Standard bluetooth reader supporting smartphone Mobile IDs and PAC Ops credentials



## 6 identification modes for a unique user experience.

Choose your identification mode to make your access controls both secure and much more intuitive.

### Standard Modes:



#### Card mode

Present your smartphone or wearable to the reader like a conventional access card.



#### Tap Tap mode

Tap tap the smartphone in your pocket to gain access.



#### Slide mode

Your hand becomes your access card.



#### Voice Command

SIRI voice command on your iPhone (iOS) or Apple Watch.

### On Application Modes:



#### Remote mode

Use the "remote button" to conveniently access car parks or other vehicle entrances.



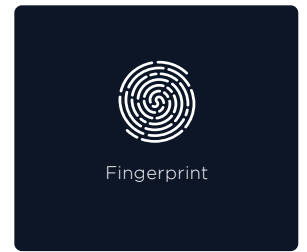
#### Hands-free mode

Simply walk towards the reader without any further action.



# Biometric Readers

The iev0 biometric range of readers comes complete with a PAC output enabling direct connection to any of the PAC 512 range of controllers and is CPNI certified.



Security Level: High

## Ultimate Rev 4 Biometric Reader and Control Board

7256412

A bundled solution of Ultimate fingerprint reader and Control Board with support for up to 10,000 fingerprint records



## Ultimate Rev 4 Biometric Reader and Control Board

7256413

A bundled solution of Ultimate fingerprint reader and Control Board with support for up to 50,000 fingerprint records



## Micro Rev 4 Biometric Reader and Control Board

7256414

A bundled solution of Micro fingerprint reader and Control Board with support for up to 10,000 fingerprint records



## Micro Rev 4 Biometric Reader and Control Board

7256415

A bundled solution of Micro fingerprint reader and Control Board with support for up to 50,000 fingerprint records



## Ultimate Rev 4 Biometric Reader

7255493

IP rated fingerprint reader with multi-spectral imaging sensor for reliable fingerprint identification



## Micro Rev 4 Biometric Reader

7255495

Compact indoor fingerprint reader with optical imaging sensor for reliable fingerprint identification



## Rev 4 Control Board

7255489

Stores the fingerprint database and authentication requests for the Biometric Readers



## Rev 4 PoE Control Board

7255490

PoE powered controller that stores the fingerprint database and authentication requests for the Biometric Readers



## Rev 4S Compatible Control Board

7255510

Stores the fingerprint database and authentication requests for the Biometric Readers



## Rev 4S Compatible PoE Control Board

7255511

PoE powered controller that stores the fingerprint database and authentication requests for the Biometric Readers



## Ultimate USB Desktop Reader

7255497

Designed for fingerprint registration that is used by the Ultimate Biometric readers



## Micro USB Desktop Reader

7255498

Designed for fingerprint registration that is used by the Micro Biometric readers



## Surface Mount Kit for Ultimate Readers

40364

Allows to be surface mounted onto the fabric of the building. Reader not included



## Iev0 Flush Mount Kit for Ultimate Readers

40365

Allows to be flush mounted on to the fabric of the building  
Note: Reader not included



## Relay module for LED control

40368

Allows the PAC 512 controllers to control the LED on the iev0 range of biometric readers





# ID Devices

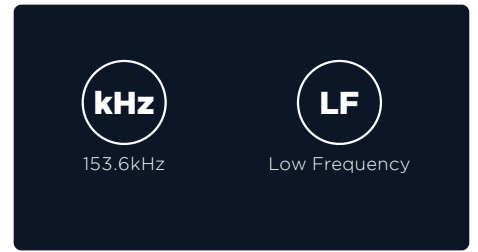
**PAC ID Devices come in a range of forms (token, card or mobile) and technology types that enable a variety of user options.**

PAC ID Devices suit many different access control deployments and user options throughout the commercial, residential and educational sectors. The following sections detail the ID Devices when ordered with the PAC access control system.

# PAC ID Devices

**PAC ID Devices are a range of 153Khz Tokens and Cards. They use passive RFID technology and require no batteries.**

Security Level: Medium



## PAC Token with PAC logo clip

909021020

*Fully encapsulated in black ABS plastic, double sealed and ultrasonically welded.*



## PAC Token without PAC logo clip

20204

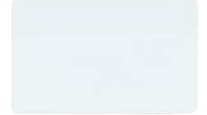
*Fully encapsulated in black ABS plastic, double sealed and ultrasonically welded.*



## PAC ISO Card, pack of 10

909021039

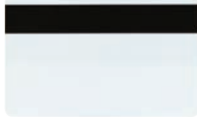
*ISO card allowing for direct thermal or image transfer printing*



## PAC ISO Card with Magnetic Stripe - not encoded, pack of 10

909021041

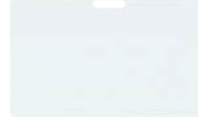
*PAC ISO card with a magnetic stripe for encoding by others*



## PAC ISO Card - Punched long edge, pack of 10

909021039/1.00

*PAC ISO card with pre-punched hole along the long edge.*



## PAC ISO Card - Punched short edge, pack of 10

909021039/2.00

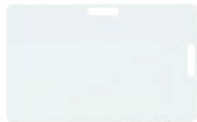
*PAC ISO card with pre-punched hole along the short edge.*



## PAC ISO Card - punched both edges, pack of 10

909021039/11.00

*PAC ISO card with pre-punched hole along both edges.*



## PAC Token Colour Clips

Designed for 20204 PAC Tokens



Red Clips, pack of 10  
40101



Green Clips, pack of 10  
40102



Blue Clips, pack of 10  
40103



Yellow Clips, pack of 10  
40104



White Clips, pack of 10  
40105



Black Clips, pack of 10  
40106



Orange Clips, pack of 10  
40108



Turquoise Clips, pack of 10  
40109



Brown Clips, pack of 10  
40204



Pink Clips, pack of 10  
40205

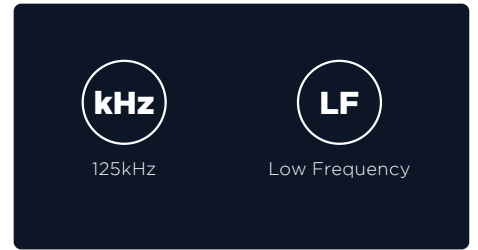


Purple Clips, pack of 10  
40206

# KeyPAC ID Devices

KeyPAC is a 125Khz range of Tokens and Cards which are passive proximity devices and require no batteries.

Security Level: Medium



---

## KeyPAC Token

20250

Fully encapsulated in black ABS plastic, double sealed and ultrasonically welded.



---

## KeyPAC ISO Card

21030

Fully encapsulated in black ABS plastic, double sealed and ultrasonically welded.



---

## KeyPAC ISO Card - punched short edge, pack of 10

909021030/10.00

ISO card allowing for direct thermal or image transfer printing



---

## KeyPAC ISO Card - punched long edge, pack of 10

909021030/11.00

PAC ISO card with a magnetic stripe for encoding by others

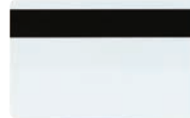


---

## KeyPAC ISO Card with Magnetic Stripe - not encoded

21031

PAC ISO card with pre-punched hole along the short edge.



---

## KeyPAC ISO Card, pack of 10

909021018

PAC ISO card with pre-punched hole along the long edge.



---

## KeyPAC ISO Card with Magnetic Stripe HI-CO, Pack of 10

909021019

PAC ISO card with pre-punched hole along both edges.



---

## Self Adhesive Laminate for Card Printing - 0.35mm thick

10377

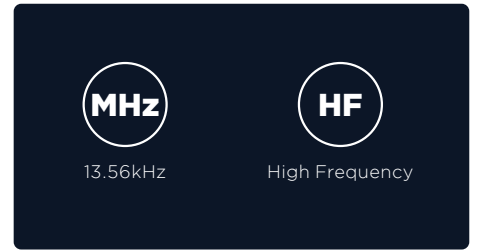
Laminated sticker for PAC cards.



# PAC OPS™ Lite

1K MIFARE utilise 13.56MHz RFID passive proximity technology with MIFARE™ unique 4 Byte serial number.

Security Level: High



## PAC Ops™ Lite 1K MIFARE® Token with clip, pack of 10

909021104

Clip included. Fully encapsulated in blue ABS plastic, double sealed and ultrasonically welded



## PAC Ops™ Lite 1K MIFARE® Token without clip, pack of 10

909021101

Fully encapsulated in blue ABS plastic, double sealed and ultrasonically welded



## PAC Ops™ Lite 1K MIFARE® Card, pack of 10

909021105

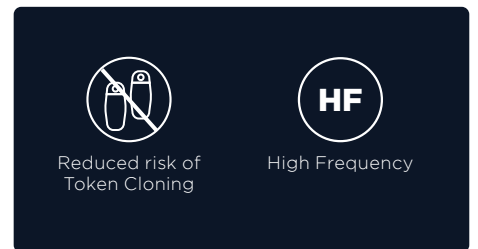
ISO card allowing for direct thermal or image transfer printing



# PAC OPS™

4K MIFARE DESFire ID devices utilise 13.56MHz RFID passive proximity technology with MIFARE™ unique 7 Byte serial number.

Security Level: High



## PAC Ops™ 4K MIFARE DESFire® EV1 Token without clip, pack of 10

909021102

Fully encapsulated in grey ABS plastic, double sealed and ultrasonically welded



## PAC Ops™ 4K MIFARE DESFire® EV1 Token with clip, pack of 10

909021103

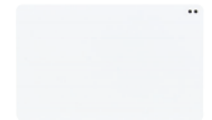
Fully encapsulated in grey ABS plastic, double sealed and ultrasonically welded



## PAC Ops™ 4K MIFARE DESFire® EV1 Card, pack of 10

909021106

ISO card allowing for direct thermal or image transfer printing



## PAC OPS™ Token Colour Clips

For use with 21101 and 21102 tokens.



Red Clips, pack of 10  
20267



Green Clips, pack of 10  
20268



Yellow Clips, pack of 10  
20270



Blue Clips, pack of 10  
20269



Grey Clips, pack of 10  
20263



Black Clips, pack of 10  
20272



Orange Clips, pack of 10  
20273



White Clips, pack of 10  
20271



# PAC Options

A range of accessories and supporting components for ease of installation and management of PAC systems.

# PAC Options

## PC BUILDS

### Pre-configured PC with Access Central™

40402

*Includes a Desktop Administration reader*



### Pre-configured PC with PAC EasiNet™ Residential

40403

*Includes a Desktop Administration reader*



## PAC GS3 ADMINISTRATION AND INTERFACE KITS

### PAC GS3-MT Admin kit

909020115

*Administration Kit for adding credentials in to PAC Access Central or EasiNet Residential Software.*



### Line Driver - PAC 500 Series

909020866

*Line driver used for connecting a PAC 512 Door Controller to the PC operating Access Central or EasiNet Residential.*



### Cable for converting a conventional RS232 connection to a USB

480130000

*Ideal for existing sites wishing to upgrade legacy desktop readers when an RS232 port is not available.*



### USB Serial Connection Kit

909020950

*A cable assembly and junction box.*



## MODEM KITS

### PAC 512 DC GPRS/GSM Modem Kit with aerial

909021077

*Designed to work with the PAC 512 DC Controller*



### PAC 512 DC GPRS/GSM Modem Kit without aerial

909021077/1.00

*Designed to work with the PAC 512 DC Controller*



### PAC GS3 PC Administration GPRS/GSM Modem Kit

909021079

*Designed to work with the PAC 512 DC Controller*



## Modem Options

GSM / GPRS Low Profile Modem Aerial	40203
GSM / GPRS Standard Modem Aerial - Magnetic Mounted	40079
GSM / GPRS High Gain Modem Aerial - 10 m	40085
GSM / GPRS High Gain Modem Aerial - 15 m	40316
GSM / GPRS High Gain Modem Aerial - 20 m	40467



# Residential Cloud

**Your database is your biggest asset. Protect it.**

The PAC Residential Cloud™ allows you to manage and monitor your access control system in a secure, modern and cloud-based environment.

Whether the management of your system has become a financial burden or a security risk, the Residential Cloud is the ideal solution. With easy and flexible remote connectivity and the ultra secure environment, PAC Residential Cloud minimises daily challenges occurring in residential complexes.



Secure data centre is  
ISO 27001 certified



# PAC Residential Cloud™



## Remote Management System

Remote connectivity allows your system engineers and administrators to manage the site from any location or device.



## Ultra Secure System Hosting

PAC Residential Cloud looks after your most valuable asset - your database, by keeping it safe at all times.



## Cloud Data Backup

PAC Residential Cloud ensures all data can be safely recovered helping to maintain a smooth and uninterrupted system operation.



## Flexible Connectivity

Multiple connection methods to the remotely located door controller equipment, including existing infrastructures such as GPRS (Over Air IP), GSM or IP Network.



## System Available 24/7

Stay in control of your system with the freedom to employ your own installers to carry out system expansions 24/7.



## The System Database is yours

Even if you change your mind at the end of the contract, PAC will hand your data back to you at no additional cost.

For further information and quotes on PAC Residential Cloud, please contact us on:

**[pacgdxcustomerservice@comelit-pac.co.uk](mailto:pacgdxcustomerservice@comelit-pac.co.uk)**



**Comelit-PAC's Training Academy** courses are **designed to give you the knowledge and skills to install and commission our solutions.** Located in the north and south of the UK, comprehensive courses cover all aspects of system design, including **installation, configuration and commissioning.**

You will gain **theoretical experience and techniques** required to get the most out of our solutions. Our training will also enable you to **maximise your use of time** during the **installation process.**

**Different solutions require different approaches to training.** Depending on experience and technologies, our training courses are designed to cater from **installation engineers to end users.** Our Training Academy offers both **in person and virtual sessions,** to suit your needs.

**For more information contact us on [pacgdxtraining@comelit-pac.co.uk](mailto:pacgdxtraining@comelit-pac.co.uk)**

# Contact Us



## SALES

Our experienced sales team are here to ensure your security solution is fit for purpose. Whatever your secure access control need is, we have the solution. Contact our team of nationwide experts today.

**Tel:** +44 (0)161 406 3400

**Email:** [pacgdxsales@comelit-pac.co.uk](mailto:pacgdxsales@comelit-pac.co.uk)

## CUSTOMER SERVICE

We understand how important it is to handle your day-to-day requirements with speed and efficiency, which is why our customer service team is committed to providing a first class service. Contact us today and we'll be happy to help.

**Tel:** +44 (0)161 406 3400

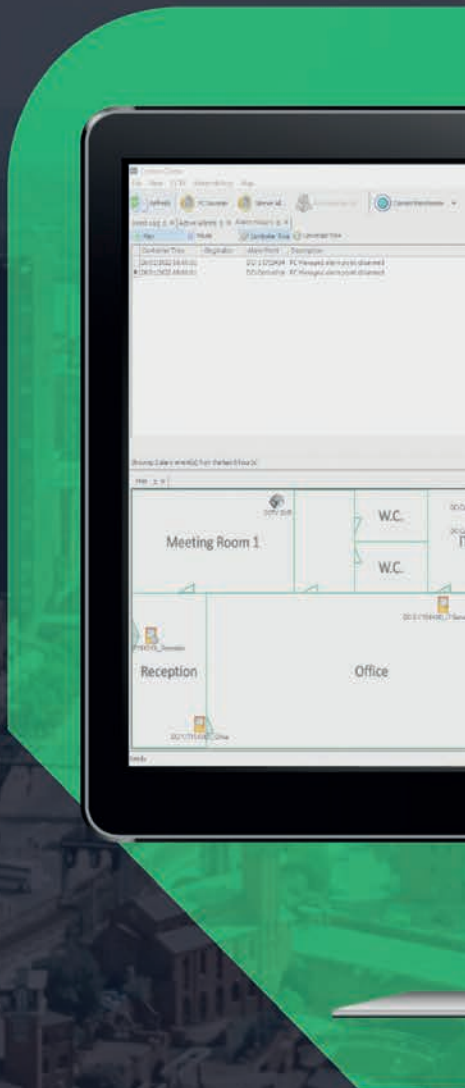
**Email:** [pacgdxcustomerservice@comelit-pac.co.uk](mailto:pacgdxcustomerservice@comelit-pac.co.uk)

## TECHNICAL SUPPORT

Our technical support teams are highly skilled in answering any questions you have in relation to our products. We have specialist skills in communication and IT related areas and are able to provide supporting documentation.

**Tel:** +44 (0)161 406 3400

**Email:** [pacgdxsupport@comelit-pac.co.uk](mailto:pacgdxsupport@comelit-pac.co.uk)



**COMELIT PAC**  
WITH • YOU • ALWAYS



Visit [www.pacgdx.com](http://www.pacgdx.com) • Email [pacgdxsales@comelit-pac.co.uk](mailto:pacgdxsales@comelit-pac.co.uk) • Phone +44 (0)161 406 3400