



impro technologies®

Proximity Access Control

Issue 2

Other products distributed in the UK by

BPT Security Systems (UK) LTD



FADINI
the gate opener

the gate opener

FADINI

bpt



BPT Security Systems (UK) Ltd

Unit 16 Sovereign Park, Cleveland Way,
Hemel Hempstead, HP2 7DA

T 01442 230 800 E sales@bpt.co.uk
F 01442 244 729 W www.bpt.co.uk

Distributed in the UK by

BPT Security Systems
(UK) LTD

www.bpt.co.uk

Introduction

The Impro access control range gives unlimited flexibility, from incredibly versatile standalone controllers to entry systems capable of managing 256 remote sites with up to 300,000 users. In addition, a range of building management, CCTV and lift control tools can be used to provide a total access control solution.

Impro offers the most extensive feature to price ratio in the world, as well as custom designed user control interfaces, that make Impro incredibly versatile yet easy to use with RS485, USB or IP connections, installation is quick and simple with a fully expandable upgrade path and seamless integration with other security systems.

Impro products have been decorated with many international awards for their design and engineering (Technology Top 100, Exporter of the Year, Electronics Industries Federation and the President's Award) and meet ISO 90001 / 2000 and European CE mark standards.



A standalone system expandable for up to eight doors and up to 1000 users. Full offline redundancy and capable of supporting RF fobs. The in-built TFT touch screen can be used for system programming and administration, or by simply connecting into the onboard RS485 port, the system can be controlled by a PC. The IXP20 system can seamlessly upgrade into a full IXP220 proximity access control system.



A powerful system with all of the features you would expect from a high end access control product. Control up to 256 anti-passback doors for up to 10,000 tags per system across 1000 sites. RS485, USB and TCP/IP connection options with full offline redundancy and 100,000 buffered transactions per controller. IXP220 has the highest feature to price ratio currently available.



For specialist enterprise systems involving Multi-Platform integration with CCTV, intruder alarms and advanced building control, please contact BPT Security Systems UK for details of this extensive and powerful access control system.



impro technologies®
ACCESS CONTROL

Distributed in the UK by
BPT Security Systems
(UK) LTD

The Impro Reader Range

The award winning impro reader range is versatile, cost effective and stylish. With something to suit any application, all readers (with the exception of the B-Sho biometric and T&A units) can be used with both IXP20 and IXP220 systems. Using the weigand protocol as standard, most readers can be situated up to 100 metres from the controller without any loss in functionality, greatly simplifying installation and reducing cost.

ABS Weigand Readers

WPR/900



Standard ABS Reader
LED and Buzzer
H:88mm W:54mm D:25mm

WPK/900



Standard ABS keypad Reader
LED and Buzzer
H:115mm W:81mm D:32mm

WKM/900



Slimline ABS mullion keypad
Reader, LED and Buzzer
H:116mm W:38mm D:19mm

WDP/900



Panel mount ABS Reader
LED and Buzzer
H:65mm W:65mm D:25mm

Multi Discipline Readers

MDR/901



Compatible with - Weigand, HID, iClass, Marin, Desfire, Sony Felicia and Mifare tags (including Oyster and Squid Cards)
ABS and Steel Reader with LED H:95mm W:45mm D:15mm

MDK/901



Metal Weigand Readers

WMR/900



Metal Reader
LED and Buzzer
Diameter 76mm, H: 28mm.

WMK/900



Metal keypad Reader
LED and Buzzer
H:143mm W:76mm D:28mm

Desktop enrollment Reader

ISW/903



Tag/Card registration
Reader

Time and Attendance Reader

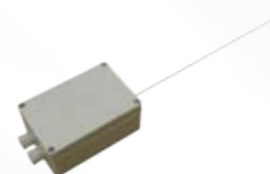
MDTA



Time and attendance
controller

RF Aerial receiver

UHR/903



For use with XQT/904
RF Fobs

TAGS, Cards and Transmitters

TKX/900



Key Ring Fob ABS
35mm Dia. 4mm thick
Lifetime Guarantee

XQT/904



RF Transmitter 4 Button,
Can be used at close
range

TOC/901



Printable Credit Card
ISO Read Only

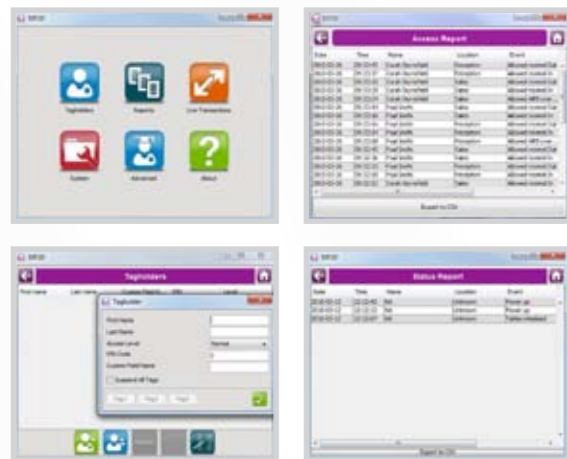


IXP20

Standalone 1-8 Door System

With a modern and sleek design to compliment the aesthetic appeal of any building, the IXP20 provides a cutting edge access control system, taking you into the future with complete peace of mind and security. The two and a half inch colour TFT touch screen offers complete system configuration including simple and advanced settings, reporting and tag administration.

- Up to 1000 tagholders
- Expandable to 8 doors
- Touch screen programming
- Up to 5000 buffered transactions
- Access groups and named tagholders
- Seamless upgrade to a full online system
- RF Integration



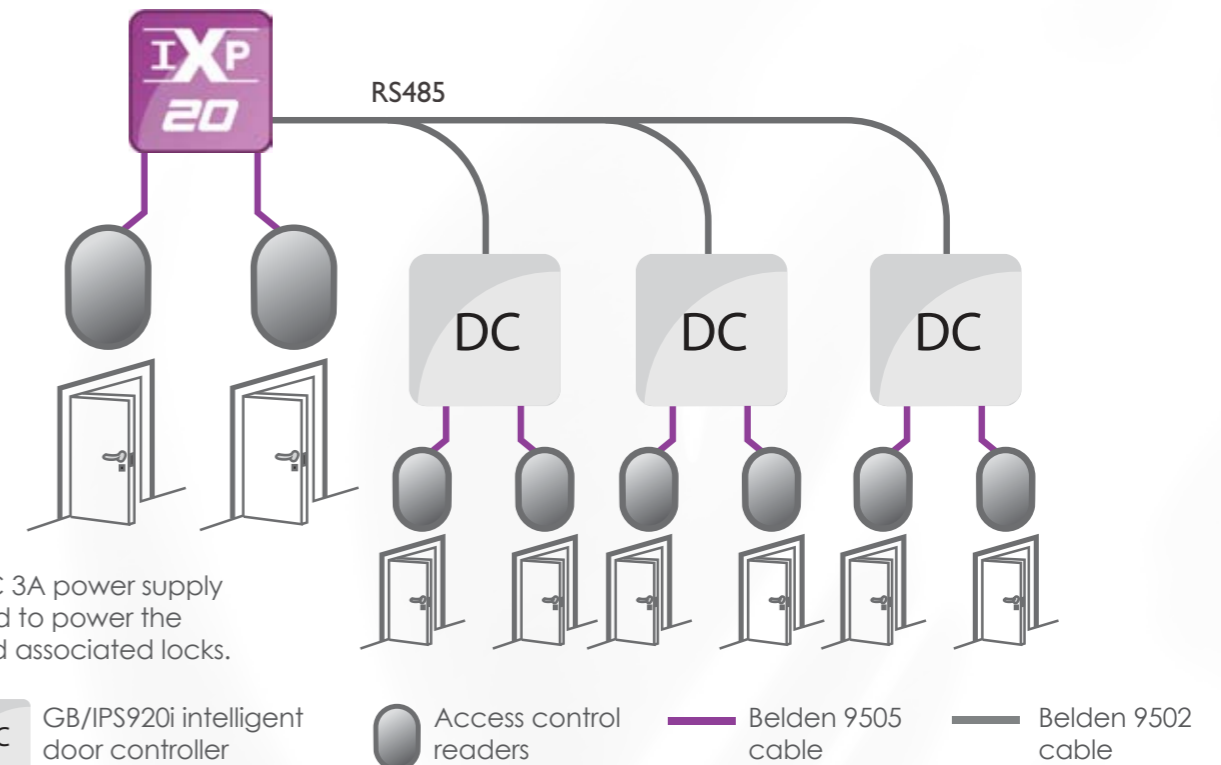
GB/ISC921

IXP20 2 Door Standalone System Controller GB/ISC921

Two door controller complete with full-colour touch screen programmer. Expand two doors at a time using the GB/IPS920i to a maximum of 8 full anti-passback doors.

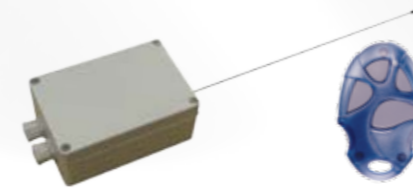
- The GB/ISC921 features a colour 2.5" touch screen display for manual configuration, including:
 - Access groups
 - Named tagholders
 - Intuitive menu for programming with icons
 - Optional web interface for programming
 - Up to 1,000 users
 - Onboard reporting
 - Onboard diagnostics
 - Simple and advanced system configuration
 - Screen lock for configuration security

IXP20 System diagram



RF Integration

By using the UHR/903 antennae reader it is possible to add an RF remote function to the IXP/20 controller.



2 Door Standard Expansion Controller GB/IPS920i

Two door controller housed in a mild steel cabinet with a 3 amp switch mode supply suitable for all standard lock types as well as pulse, solenoid and motorised locks. It has 9 status LEDs, can support the full range of Impro readers as well as 3rd party readers and features an onboard memory of 10,000 tags.



Readers

The IXP20 system is compatible with all of the readers shown on page 2, including the new Multi-Discipline Reader, capable of reading Impro tags and cards plus HID, iClass, Mifare and many other 3rd party card technologies including Oyster and Squid travel cards.



MDK/901

MDR/901



IXP220

Online Access Control System

IXP220 offers seamless system scalability, allowing the user to expand effortlessly using the same software suite and hardware throughout. The operational and programming interface is the most user friendly available and is packed with a full list of features.

The new modular approach to specialist software means that the IXP220 system remains cost effective whilst delivering all the functions needed for even the most demanding bespoke designs. Rather than an expensive feature heavy software engine used for all sites regardless of requirements, individual specifications can be met by purchasing codes to unlock only those features needed. In this way, The IXP220 control system keeps costs low without compromising flexibility.

- Fully redundant offline operation
- Up to 256 anti-passback doors
- Up to 1,000 sites per system
- 10,000 tags per system
- Up to 100 000 buffered transactions per controller
- Control up to 8 lifts
- Built-in communication choices - USB, RS485 and TCP/IP
- Comprehensive web reports from anywhere in the world
- Unlock facilities available giving access to multi-site operation, biometric integration, email notifications and much more



For enterprise systems please contact BPT Security Systems UK about the IXP400 access control solution.



System Controller GB/IPS963

The IXP220 system controller is prewired into a 2amp PSU housed in a mild steel cabinet. Communication options include Ethernet, USB, GPRS, RS485 and RS232 and memory capacity is ensured up to 10,000 tags and 100,000 buffered transactions. Features include:

- Reporting of low battery life and power failure warnings
- Anti-tamper switch
- General relay for power control or alarm arming
- Two digital inputs for door sensors and RTE buttons per reader

Software and Tag Registration Reader GB/ISW903

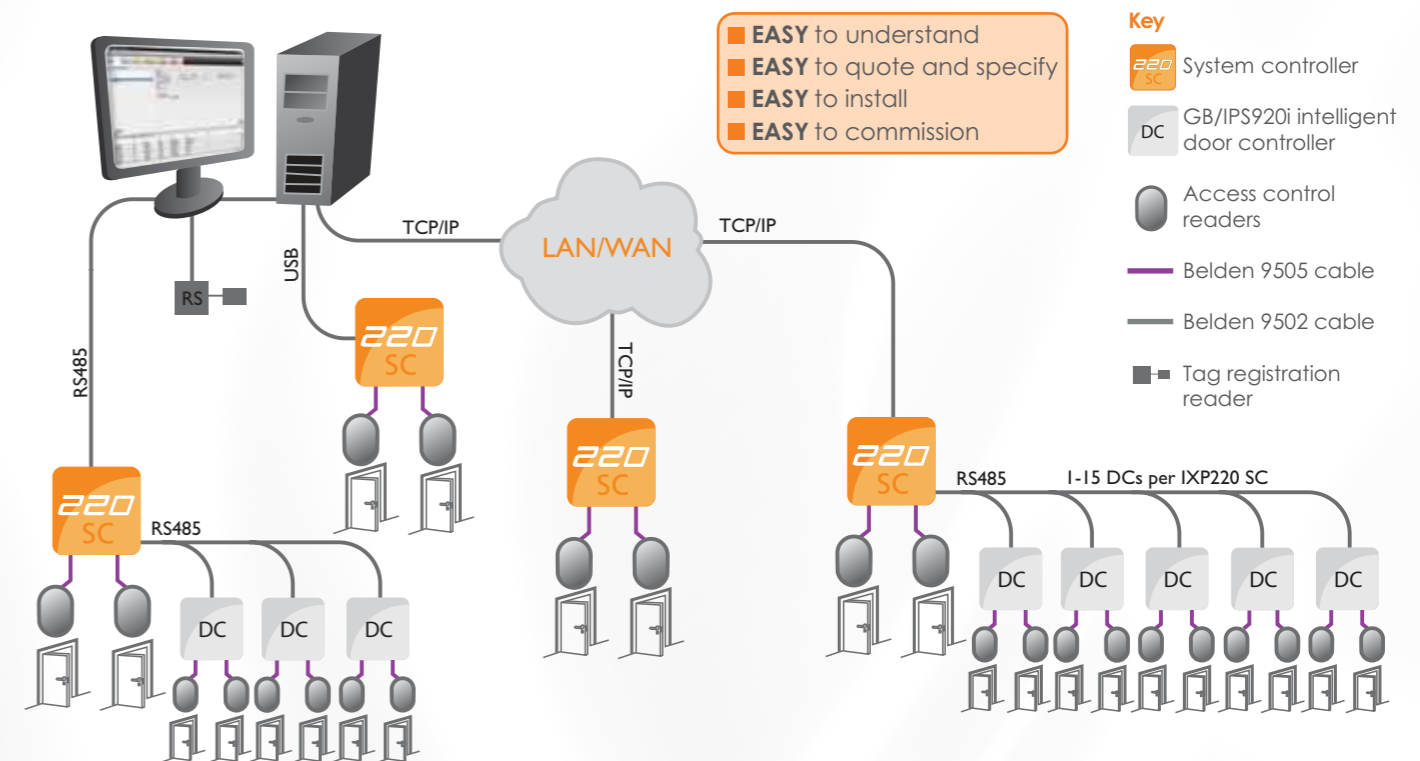
IXP220 software and tag/card registration reader for addition and deletion of tagholders. The software is so simple that there is no need for a manual. The pack also includes a host interface which acts like a dongle and connects the registration reader via USB directly to your PC.



5 YEAR
GUARANTEE
ON ALL
HARDWARE



IXP220 System diagram



- EASY to understand
- EASY to quote and specify
- EASY to install
- EASY to commission

- Key**
- 220 SC System controller
 - DC GB/IPS920i intelligent door controller
 - Access control readers
 - Belden 9505 cable
 - Belden 9502 cable
 - Tag registration reader

Intelligent Door Controller GB/IPS920i

Two door controller housed in a mild steel cabinet with a 3 amp switch mode supply suitable for all standard lock types as well as pulse, solenoid and motorised locks. It has 9 status LEDs, can support the full range of Impro readers as well as 3rd party readers and features an onboard memory of 10,000 tags.



GB/IPS921

Ethernet door controller for TCP/IP connection (features as per the GB/IPS920i).

Unlock Codes Upgrades

Codes	Available Code options
GB/ISL901	Web Employee Enrollment - Allows additional PC's on a network to administrate employee tags
GB/ISL902	Web Visitor Enrollment - Allows additional PC's on a network to administrate visitor tags that expire daily
GB/ISL903	Impro Touch - Sagem biometric reader integration
GB/ISL904	Multiple Sites - Allows control of up to 256 sites from a single controller
GB/ISL905	Card Design and Print - Design swipe cards with pictures and text for 3rd party printers
GB/ISL906	Lift Control - Secure up to 8 lifts, 32 floors per lift (output controller hardware reqd)
GB/ISL907	Input & Output Control - Allows building management and inputs through relay interfaces
GB/ISL911	Reception Control - IP cameras can be connected into the system that activate in set scenarios
GB/ISL915	Notification - Allows the system to be set up to send e-mail or tweets linked to any system action