

# Access control    Encrypted BLE & proximity Reader



## **DIGIlock-PB**

- High security Bluetooth Low Energy reader
- Configurable 0,5 or 3m mobile ID reading range
- RFID read/write for DESfire & LEGIC-Advant cards
- High secure AES encryption
- Additional UID verification of DESFire & LEGIC cards
- RS485 IBB/S AES encrypted bus interface
- No third party portal or licencing model needed
- Red/Green/Blue LED & buzzer
- 2 monitored Inputs, & tamper switch
- Coded relay interface with authentication

# DIGIlock-PB

# Encrypted BLE & proximity Reader

DIGIlock-PB is part of the complete ATS building and security solution, incorporating Bluetooth 4.2 low energy technology, simultaneous support for a wide range of proximity cards means DIGIlock-PB provide a bridge from plastic badges to cardless mobile access control, and allow seamless integration into existing installations.

Based on a ARM4 low power CPU, the ATS mobile reader is ideal for enhancing freedom of movement in the workplace, allowing employees to have their access credentials on the smart devices they already carry. Configurable reading range allows reading ATS Mobile ID's up to 3m; this makes the ATS Mobile solution well-suited where long-reading range is important.

The outstanding design features a bottom part, which includes the reader electronic with pin connector to mount over a 62mm round DIN box with two 3mm screws. A cover part closes the reader after installation.

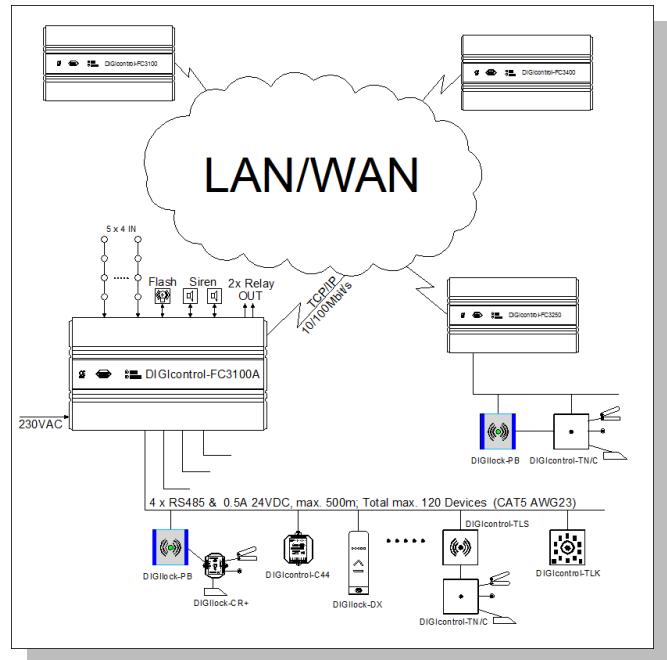
With the second generation of ATS Bluetooth readers and support off the latest BLE implementation, ATS is at the forefront of the technology shift towards mobile solutions. This helps our customers who are increasingly supporting their employees who want to use their mobile phones to get into work. As consumers are less likely to lose their smartphone than a key card, ATS Mobile ID app has a potential for an added layer of security. If the phone is lost, access can be easily disabled.

A big and bright LED is signalling with green for access granted, red for no access and blue writing update data to the card. Blinking green shows that the door remained open, red blinking tells bad or illegal card. An additional buzzer warns if the door is still open after a while.

Up to 100 readers, to control up to 50 doors could be connected with a single cable to an FC3xxx floor controller. A unique serial number enables the host configuration of a bus ID in the range between 1 and 120. The reader supports online update for offline access parameters and card valid timestamp renewal. Utilizing the high speed IBB/S security bus protocol, ATS readers offer an unparalleled access decision response time of under 150 milliseconds.

In place of a plastic entry card, the user can use their Android Smart Phone to download the free of charge app and enroll directly into the DIGIcontrol-3000 access control system. Enrolment is straightforward and does not require a license, a separate portal or a third party subscription, offering an affordable, easy to install access control solution.

DIGIcontrol-3000 is approved for federal government use. It also keeps university campuses safe, secures transport, banking and other commercial premises. Potential applications include critical infrastructure sites, atomic power stations, commercial high rises, data warehouses, large-scale construction sites, universities and hospitals.



## Technical Data

### DIGIlock-PBv40:

ARM4 low power CPU with encryption algorithm  
Support for ATS Mobile ID's via Bluetooth 4.2 low-energy  
with AES encryption & authentication

Configurable BLE reading range for up to 3m  
Mifare Classic, DESFire & LEGIC-Advant RFID read/write unit  
Red/Green/Blue LED indicator for access & write functions

Integrated buzzer  
2 monitored inputs & tamper switch  
Coded relay interface

RS485 IBB/S 56kBaund secure bus interface to door controller

Temperature range: -10° to +50°C

UV resistance ABS blue/silver enclosure

Dimensions: W82 x H82 x D12 mm

(Fits on top off a DIN-switch box)

Power: 10,5-24VDC / 80 mA max.

### Delivery Contents:

DIGIlock-PB (packs of 10) complete with installation and wiring instructions.

### Options:

#### DIGIlock-CRp:

CMOS microprocessor with encrypted reader interface

1x Relay output for lock control

2x monitored inputs for door monitoring, egress button, ...

1x digital input for reader authorisation after installation

Dimensions: Ø60 x H21mm (fits in DIN-switch box)

Power: 10,5-24VDC / 30 mA max.

Temperature range: -10° to +50°C

#### DIGIlock-PB/b

As DIGIcontrol-PB but with black/silver colour

Information contained in this document is correct at time of publication (09-03-18) and subject to change without notice.

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