



Access in a BOX

- **Simple:** all you need for your access control system, in one neat package
- **Time saving:** wire the system and within a few minutes you're ready to go
- **Cost:** enjoy an enterprise style solution at a fraction of the cost

4 doors | 1,000 credential holders | 10 languages



WHO SHOULD USE ACCESS IN A BOX?

Ideally suited to small and medium sized premises, to secure up to four doors, such as:

- Offices
- Retail stores
- Mini factory units
- B&Bs

PRODUCT BENEFITS

- **Security:** no risk of lost or copied keys, and with our anti-cloning credentials you have no worries about the tag being copied
- **Control:** know who's on your premises and quickly add or remove people with just a click
- **Mobility:** access your system no matter the time or location, simply by logging in through a web browser
- **Languages:** standard with 10 languages

Access in a Box has all the equipment you need to quickly and easily install an access control solution for up to four doors. Each box contains a cluster controller, reader module, readers and ten credentials. Just add your cabling and locking accessories and you're ready to go.

Simplified installation

The metal housing comes prewired with your equipment and a switch mode power supply, as well as fused battery leads and space for an optional 7AH battery - this ensures if the power goes out, your access control continues without a problem.

It's also a great time saver, as you only need to bring power into the box and wire your readers. Add to that built-in tamper protection and a lock, and you've got a winning combination.

Anti-passback (APB)

Impro is one of the world's first to offer APB door mode for smaller installations and the system can support up to four APB doors.

Expansion

Expanding the system is just as easy, with our expansion pack or simply purchase the individual units. The choice is yours.

Increased the amount of people using the system? Just order more credentials as the system will manage up to 1,000 users.

In addition through our true plug-and-play hardware and software, changing anything takes just a few minutes.

No computer necessary

A key innovation of Access in a Box is the embedded software on the controller. This means you don't need a server or even a computer. In addition, our hardware discovery tool does all the hard work for you, making configuration so easy, you'll be done in minutes.

Remote access

No matter where in the world you are if there's an internet connection, you're connected. Access your reports and manage your site 24-hours a day, through the secure web browser on a smart phone, tablet or laptop.

Specifications ACCESS IN A BOX

S-SERIES IPS BOXED SOLUTION

| Model name | Access In a box S-Series | S-Series module (IPS) | SIR reader |
|---|---|---|---|
| Part number(s) | HBS900 | HMS901 | HBR900 |
| Product description | Single cluster controller & S-Series reader module in lockable metal box with power supply, four SIR readers, ten S-Series tags | 1x S-Series reader module for use in IPS housing | 4 x non-keypad RFID SIR mullion reader |
| Colour | Black | N/A | Two-tone grey |
| Interface | Web based URL user interface | Diagnostic LEDs | Operation LEDs and sound |
| Dimensions (d-w-h) | 8.2cm x 38.3cm x 31.3cm [3.22" x 15.1" x 22.3"] | 5.7cm x 9.9cm x 18.6cm [2.3" x 3.9" x 7.3"] | 2.1cm x 4.5cm x 9.7cm [0.8" x 1.8" x 3.8"] |
| Approximate product weight | 5.45 kg [12 lbs] | 300 g [10.5 oz] | 75.2 g [2.7 oz] |
| Material | Black powder-coated metal | ABS plastic | ABS plastic |
| Electrical specifications | | | |
| Input voltage | 88 - 132 VAC or 176 - 264 VAC (manually switched) | 12 - 15 VDC polarity sensitive | 11 - 14 VDC polarity sensitive |
| Output voltage | 13.8 ± 0.3 VDC | N/A | - |
| Maximum continuous output current | 10A | - | - |
| Power requirements at 12 VDC, relays off | - | 140 mA current 1.7 W power | 90 mA current 1.08 W power |
| Relay power requirements | - | Additional 0,4W per relay in use | - |
| Power input protection | Meanwell switch mode power supply | Reverse polarity and transient voltage protection | - |
| Digital input type | - | Eight dry-contact inputs with end of line sensing | - |
| Relay outputs | - | Four single-pole, double-throw (SPDT) relays with NO, COM and NC contacts | - |
| Relay contact ratings | - | 10 A at 28 VDC 5 A at 220 VDC 12 A at 120 VAC | - |
| System specifications | | | |
| Processor | Arm Cortex M0 operating at 45 MHz | | |
| Memory | 4 KB RAM, 48 KB Flash Memory | | |
| Embedded software | Access Portal Lite | | |
| Other specifications | | | |
| Card compatibility | 125kHz RFID proprietary encrypted EM4305 | N/A | 125kHz RFID proprietary encrypted EM4305 |
| Anti-tamper protection | IPS mounted switch | PCB mounted switch | End-of-life sensing (EOL) |
| RTC | 1 x 3 V, CR2032 Lithium cell battery, 2 yrs operating life, 5 yrs storage life | | |
| Environmental specifications | | | |
| Operating temperature | -25° to +60° C [-13° to +140° F] | | |
| Storage temperature | -40° to +80° C [-40° to +176° F] | | |
| Operating humidity | 0 to 95% relative humidity non-condensing (at +40° C / +104° F) | | |
| Environmental rating | IP20 | N/A | IP51 |
| Certifications | | | |
| CE (EU) | ✓ | | |
| UL ROHS | ✓ | | |
| SABS (RSA) | ✓ | | |



Impro Technologies
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in the access control industry

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