SYSTEMATIC ACCESS CONTROL

Solutions for access and time control
SYSTEMATIC ACCESS CONTROL

Solutions for access control

Ensuring your buildings are secure for the protection of your assets and intellectual property is business critical.

Mechanical locking systems can secure your doors, however lose a key and your security is instantly placed at risk – resolving the situation is likely to cost a substantial amount of money.

Electronic access control solves this security issue by applying the use of ID cards or fobs instead of a mechanical key. This offers flexibility when changing individual access profile/rights and enhanced security with:

- Real-time control of individual rights
- Centralised management of ID cards and fobs
- Ease of defining access profiles precisely, adjusting according to person, time and door location
- One card instead of many keys
- Traceability of who has gained access where and when

Electronic access control is quick and simple to install to any existing door (automatic, manual or glass), barrier, roller shutter or turnstile and can often incorporate existing door hardware such as cylinders and levers.

It can be linked to other building systems such as the fire alarm or CCTV.

The system can easily 'move' with you if you ever change buildings.

As the trusted global partner for premium access solutions and services, DORMA’s combination of proven, quality hardware and access control expertise can provide a solution to meet your changing business needs and requirements.

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Combining hardware and software together, DORMA provides a single, scalable solution that caters for small offices where access can be restricted to a couple of doors, through to large multi-site, multi-national organisations. Our solution can also integrate and utilise existing access control readers or cards.

- **Offline**: The card holder’s access rights are stored within the components without being connected to a main access control system.

- **Access-on-Card**: The access rights of the card holder are held on the card itself and is updated each time the card holder passes through an online door.

- **Mastercard**: Administrator cards are used to manage other card holder’s access rights.

- **Wireless Online**: Card holder’s user access rights are updated immediately within the components using wireless communication.

- **Wired Online**: As with Wireless Online, except all devices are connected directly to the main access control system using cabling (e.g. structured cabling).
INTEGRAL DOOR FITTINGS

XS Pro Fitting

The XS Pro Fitting is a flexible solution with a solid, robust construction. The ideal solution for securing doors that require simple operation by the user based on the usual opening action – the XS Pro Fitting can be operated with just one free hand if necessary, making it ideal for use in healthcare and education facilities.
**Product features**

- Stand-alone access control component
- Can be used online with MATRIX Professional Access Control software
- Solid, robust construction
- Choice of door handles
- Easy installation and commissioning

*Installing an XS Pro Fitting is remarkably easy. Once the old fitting has been removed, the lever handle follower is reinserted using a universal mounting plate, then the XS Pro Fitting can be simply attached.*

**XS Pro Fitting**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application type</strong></td>
<td>Internal</td>
</tr>
<tr>
<td><strong>Power supply</strong></td>
<td>Battery, 4 x 1.5V AA cells</td>
</tr>
<tr>
<td><strong>Indication</strong></td>
<td>LEDs, red/green</td>
</tr>
<tr>
<td><strong>ID processes</strong></td>
<td>HITAG1, HITAG2, EM4102, EM4150, MIFARE DESfire, EV1, MIFARE Classic, LEGIC advant, LEGIC prime</td>
</tr>
<tr>
<td><strong>Operating modes</strong></td>
<td>Offline, AoC, Wireless Online</td>
</tr>
<tr>
<td><strong>Dimensions (W x H x D)</strong></td>
<td>66 x 248 x 79 mm</td>
</tr>
<tr>
<td><strong>Finishes</strong></td>
<td>Stainless steel/</td>
</tr>
<tr>
<td></td>
<td>Lock Reader unit: Anthracite grey</td>
</tr>
<tr>
<td><strong>Options</strong></td>
<td>Individual finishes and lever handles available</td>
</tr>
</tbody>
</table>

Choose from a range of matching lever handle designs
INDEPENDENT CYLINDERS

XS Pro Cylinder

The XS Pro Cylinder is a stand-alone access control device for integration into standard lock cylinders, and is operated with proximity ID cards or key fobs. Suitable for securing both internal and external doors, the cable free XS Pro Cylinder is frequently used for toughened glass partitions and doors. The XS Pro Cylinder is equally suitable for locker facilities and IT comms cabinets.

Its great versatility allows it to be adapted to wide-ranging requirements – from two-sided security to escape route applications, security of glass and for water-resistant applications.

If an authorized ID card is presented, the XS Pro Cylinder lights up green, engages and can be turned like a key in order to release the lock. ID rejection is indicated by a red signal, leaving the cylinder in its disengaged condition.
**Product features**

- Stand-alone access control component
- Can be used online with MATRIX Professional Access Control software
- Solid, robust construction
- Internal and external access control
- Easy installation and commissioning

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**XS Pro Cylinder**

<table>
<thead>
<tr>
<th>Application type</th>
<th>Internal and external</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>Lithium battery pack</td>
</tr>
<tr>
<td>Indication</td>
<td>LEDs red/green</td>
</tr>
<tr>
<td>ID processes</td>
<td>HITAG1, HITAG2, EM4102, EM4150, MIFARE DESfire, EV1, MIFARE Classic, LEGIC advant, LEGIC prime</td>
</tr>
<tr>
<td>Operating modes</td>
<td>Offline, AoC, Wireless Online</td>
</tr>
</tbody>
</table>
| Dimensions       | External knob: Ø 37 mm, 44 mm long  
                   | Internal knob: Ø 30 mm, 30 mm long |
| Finishes         | Knob case: Stainless steel/
                   | Reading device cover: Anthracite grey |
| Options          | Single-sided access control, readable on both sides, glass door cylinders, half cylinders |
| Special features | Depending on type, also available as WR (water resistant), versions and with removable outer knob. |

A screwdriver is all you need for the installation. Simply undo the cylinder set screw (forend fixing) at the lock, remove the old cylinder and insert the XS Pro Cylinder. Then reinsert and tighten the cylinder set screw—and that’s it!

XS Pro cylinder gives options for single or double sided access control.
INTEGRATED WALL READERS

S6 Reader

The XS Pro Reader fills the gap between networked access control systems and stand-alone access control components. It is permanently installed at the door but needs no wiring to a central control system. This makes it ideal for doors that have an electric strike and where further wiring is considered undesirable. Whether for interior or exterior applications, this solution provides for the elegant integration of an access control system within already existing door communication systems.

The XS Pro Reader operates just like a classic access control reader. If there is a positive response to the ID card, a relay releases the electric strike and the door can be opened.
**XS Pro Reader**

<table>
<thead>
<tr>
<th><strong>Application type</strong></th>
<th>Internal and external</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power supply</strong></td>
<td>Power pack, lithium battery pack</td>
</tr>
<tr>
<td><strong>ID processes</strong></td>
<td>HITAG1, HITAG2, EM4102, EM4150, MIFARE DESfire, EV1, MIFARE Classic, LEGIC advant, LEGIC prime</td>
</tr>
<tr>
<td><strong>Operating modes</strong></td>
<td>Offline, AoC, Wireless Online</td>
</tr>
</tbody>
</table>
| **Dimensions**       | Protect: 82 x 82 x 20 mm  
                        | System 55 central element:  
                        | 55 x 55 x 10 mm |
| **Finishes**         | System 55: Al/Anthracite grey/  
                        | Pure white |
| **Options**          | SIEDLE 611, GIRA TX 44 |
| **Special features** | Designed for installation in all System 55 device receptacles |

- Easy installation: the XS Pro Reader simply needs to be connected to the electronically controlled locks.
- Full integration with DORMA automatic and revolving door operators.
- DORMA design pillars can integrate up to four components and are also suitable to external use.

Product features
- Suitable for internal and external applications
- Non-networked integration
- Simple connection to electronic locks

Reader with integrated PIN keypad for additional security.
INTELLIGENT ACCESS SOFTWARE

MATRIX Electronic Access Control

**MATRIX Professional Access Control** is DORMA’s software platform for the real-time control and administration of access rights and peripheral hardware.

**MATRIX** can interface with other hardware systems such as CCTV, fire alarms, and intruder alarms, and existing company software such as SAP and HR systems.

Within the **MATRIX Professional** environment, wireless and wired readers are managed in the same way. Any changes you make to authorisation levels within **MATRIX** Software become immediately active at the doors concerned. Any unauthorised access attempt will also be recorded.

All **MATRIX** packages are browser based for ease of running on any computer or mobile device.

**MATRIX** gives you complete control over every aspect of the access control system. Since **MATRIX** is also a browser based system it is accessible from any device with a web browser, giving you the freedom to administer the system from anywhere.

With a simple user friendly interface, **MATRIX** gives you the information and control you need, when you need it - in real time and at a glance.
Adaptable to requirements
Whatever your access needs, MATRIX is designed to meet your requirements. From external shutters and car park barriers to office doors and even IT server cabinets, MATRIX gives you the confidence and control of your business.

Expandable
Initially you only install what you need, with the confidence of knowing that as your organisation grows and your requirements change, MATRIX can grow and adapt to meet your new requirements.

Integration
The MATRIX system can be fully integrated into your other business critical systems, providing a single point of management of employee records. MATRIX can be configured to provide a full access control solution, whilst also providing data capture for time and attendance directly into your SAP or other HR system.

Hassle free access
MATRIX allows you to have the confidence of high level security, combined with unhindered movement throughout your organisation.

Product features
- Unlimited number of access patterns
- Unlimited number of employee records/cards
- Real-time access control and reporting
- Combine online and offline hardware components
- Interface with other business critical systems, e.g. SAP
- Fully integrate with CCTV, Fire and Intruder systems
- Browser-based intuitive user interface
- Scalable Solution - from single doors to multi-site, multinational organisations
- Multi proximity formats