

# IPR-I80P-MDF

Sirius i80p card reader pin pad MIFARE/DESFire

## DESCRIPTION

This reader has a capacitive touch, meaning that the reader has no loose or moving components, like push buttons. This makes the PIN code reader suitable for many applications. The PIN code reader is built up as an all-in-one construction, making the reader easy to maintain. The Sirius i80P PIN code keyboard calibrates automatically, ensuring that the reader is perfectly suited to its environment. Like our i80 Sirius reader, it is also suited to mount on an electrical junction box or wall mounted with the Sirius i80(p) spacer.

## FEATURES

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Supports multiple reader technologies

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Suitable for application in bacterial free environments

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NFC compatibility

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LED light guide

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Depending of the system the i80p pincode reader can offer you a variety of functionalities like:

- Card & Pin
- Card only
- Pin only
- Duress code
- Switch on/off intrusion alarm(groups)

### Model Sirius i80P

|                         |  |
|-------------------------|--|
| Interface               | Sirius - Pluto (RS485)   |
| Data type               | Read   |
| Read technologies       | Mifare 1K, Mifare 4K, Mifare DESFire 0.6, Mifare DESFire EV1 8K, DESFire EV2 4K & 8K and ISO14443. |
| Power supply            | 5 - 16V DC average: 0.7W   |
| LED consumption         | Peak: 1.4W   |
| LED Input               | LED input with pull-up, active layer   |
| Ext. Output             | Max. voltage 45V; open collector output; synched current. Max. current 500mA                       |
| Ext. Input              | 1 Resistance 1kOhm   |
| Dimensions (mm) i80     | 80x80x13 mm  |
| Read distance i80       | 5mm - 70mm for ISO14443A Mifare card; (depending on the environment and the transponder)           |
| Environment rating      | IP64   |
| Operating temperature   | -35 to 65 C  |
| Storage temperature     | -55 to 85 C  |
| Operating Humidity      | 5% to 95% relative humidity non-condensing   |
| Transmissions frequency | 13.56MHz   |
| Standard                | ISO14443 A   |
| Indications             | 1 x RGB Lightguide max. 7 colours 1 buzzer   |
| Connections             | 7-pin screw connector  |
| Certification           | CE   |



## RELATED

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**Sirius IPR-180-MDF**  
Sirius i80

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**Sirius 801-510X**  
Sirius i30

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**iProtect iProtect Access**  
IPS-ACC

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**iProtect iProtect Security**  
IPS-SEC

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**iProtect 512-0100**  
KP Virtual Card Network

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**iProtect IPC-Orion**  
Orion Door controller

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