



Access Control < Readers

P80 Reader

ref. 1104/993

- 2 wire output and encrypted BUS
- Secured by design tested and certified as a critical component part
- UL923 Certified
- Compatible with IPassan and Easy Door systems

Description

The P80 proximity reader is a 2-SMART key reader developed for the scalable iPassan access controller. This 2-SMART reader is based on our own protocol and offers exclusive features and security.

With its up-to-the-minute design, it can be easily integrated in your commercial and residential projects. In addition to Mifare® RFID technology, this reader offers the opportunity to work with Bluetooth virtual credentials.

Key Features

- High security and easy installation with the 2-wire output and encrypted bus
- Mifare® Classic and Mifare® Plus proximity reader (AES 128 bit encryption)
- Secure Bluetooth read technology for access with virtual credentials
- Integrated LEDs
- Surface-mounted with terminal output – IP65 (provided installation instructions are complied with)
- Firmware updated online and remotely

Power Supply

The P80 RFID reader draws its power supply from the FDI access controller.

Communication

The 2-SMART key/pass reader is connected via 2 wires and two-way communicates permanently (FDI protocol) with the iPassan access controller LPU. The controller is real-time aware if the reader is connected.

Updating Firmware

P80 proximity reader firmware can be updated via iPassan Manager software.

Specification

Dimensions	H90mm x W85mm x D25mm.
Weight	85g
Ingress Protection (IP) Rating	IP65
Impact Protection (IK) Rating	IK10 (<i>highest possible rating</i>)
Technology	2 Wire
Frequency	13.56MHz
Encryption	Mifare Classic, Mifare Plus, DESFire & BLE
Read Range	Up to 40mm
Max Cable Distance (<i>controller to reader</i>)	100M using Cat5 Cable
Operating Voltage	12V (<i>supplied by the controller</i>)
Operating Temperature	-20°C to 60°C
Storage Temperature	-20°C to 70°C
Humidity	85 RH