Omni-Pass System

Fact Sheet

Unit Locks | Amenity Doors | Parking Gates | Barrier Arms | Pool Gates

Affordable - Convenient - Versatile

TPS TECHNOLOGY GROUP

How It Works

The TPS Technology Group Omi-Pass System consists of two main components.

TPS Omni-Pass Key Fobs allow you to access every electronically controlled door on your property. Each key fob contains a RF transmitter and internal coil allowing the end user to roam the property with one device.

TPS Omni-Pass Controllers connect to any 3rd party Wiegand compatible access control panel in the same way conventional proximity readers do. This eliminates the need for complex software integration. By using our patented Wiegand RF Transmitters, with built in RFID Prox, we are able to send the key fob number, via an encrypted rolling code RF signal, to a receiver up to 300 ft. away. (RF range is environment dependent and can vary)

The Omni-Pass System enables you to individually manage your key fobs in the same manner as your standard access credentials. By integrating the Omni-Pass System, your management team will save time, resources and money.
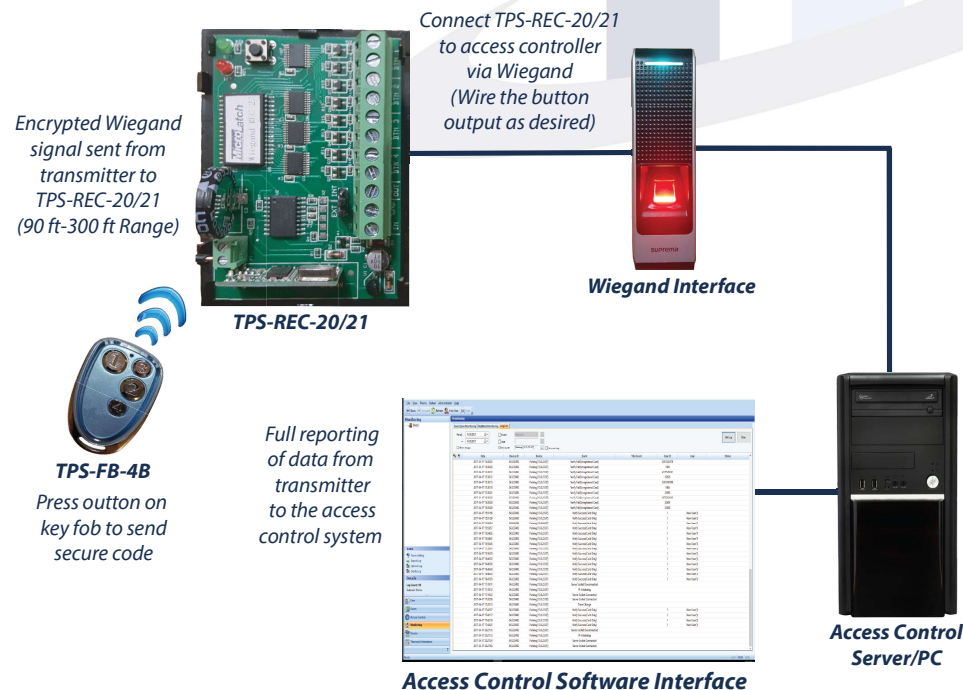
Key Features

- 4 Separate Wiegand Outputs For Multiple Entries (26 Bit)

- Internal Coil For Use With Amenity and Apartment Doors (Available in HID, iClass, Prox, NFC & Mifare)

- Easily Integrates With Any Access Control System With a Wiegand Interface

- Install Alongside Existing System for Cost Effective Implementation

- No New Software To Install or Learn

- Sturdy Metal Construction

- Multiple Key Fob Color Options Available

System Architecture

The example below demonstrates how the connectivity is made using a Suprema access control system.
(Works with any Wiegand based access controller)

Connect TPS-REC-20/21 to access controller via Wiegand (Wire the button output as desired)

Encrypted Wiegand signal sent from transmitter to TPS-REC-20/21 (90 ft-300 ft Range)

TPS-REC-20/21

Wiegand Interface

TPS-FB-4B
Press outton on key fob to send secure code

Full reporting of data from transmitter to the access control system

Access Control Software Interface

Access Control Server/PC

System Components

TPS-REC-20

TPS-REC-21

TPS-FB-1B

TPS-FB-2B

TPS-FB-4B