



Unlock the power of seamless connectivity with Micro ID Smart Peer-to-Peer Converter, designed to elevate your access control systems to new heights. This powerful pair, featuring a Master and Slave device, excels in effortlessly extending communication distances up to 100 meters between your reader and controller. Elevate your access control capabilities with the Smart Converter, where reliability meets innovation.

Features

- **Extended Range:** Extend communication distance up to 100 meters, ensuring reliable connectivity across larger premises.
- **Protocol Conversion:** Converts Wiegand protocol, MicroID 485, push button, and relay signals to wireless, streamlining your access control setup.
- **Wireless Simplicity:** Simplify installation and maintenance with wireless connectivity, reduces installation costs and complexity associated with traditional wired setups.
- **Encrypted Communication:** Ensures secure and reliable data transmission with encrypted communication protocols, safeguarding your system against unauthorized access.
- **Enhanced Compatibility:** Compatible with a wide range of access control systems, enhancing flexibility and integration capabilities.
- **Effortless Integration:** Seamlessly integrates into existing setups, enhancing operational efficiency.
- **Reliable Performance:** Ensures consistent performance with robust signal transmission and encryption.

Specification

Operating Frequency	2.4Ghz, RF band Selectable
Power Output	0dBm – 20dBm, default 20dBm
Antenna	PCB
Communication Interfaces	Wiegand 26/34/66, RS-485
Application Software Platform	Web Interface Configuration (AP-mode, WiFi-mode), development kit
Power	DC 12V
Power Assumption	145mW ideal, 170mW flash card/send signal, 480mW only at AP-Configuration mode.
Dimension	W45 x L76 x H12mm
Channels	0 - 12Ch (13Ch)
Expanding Interfaces	WiFi

Layout Diagram

