



- Unlock the potential of long-distance communication with the Micro ID Smart Lora Converter.
- This innovative solution, featuring a Master and Slave device, extends the range between your reader and controller by up to 500 meters, ensuring reliable connectivity across even the largest premises.
- Converts Wiegand protocol, MicroID 485, push button, and relay signals to wireless, simplifying your access control setup.
- Removes the need for complex wiring, streamlining both installation and maintenance.
- Provides secure, encrypted communication, safeguarding your system from unauthorized access.
- Ideal for lift access systems and car park systems, offering flexibility for a variety of environments.

## Specification

<b>Operating Frequency</b>	919Mhz – 923Mhz, RF band Selectable
<b>Power Output</b>	0dBm – 20dBm, default 20dBm
<b>Antenna</b>	External 2.15dBi – 11dBi Gain, default 3dBi Polarization: vertical polarization
<b>Communication Interfaces</b>	Wiegand 26/34/66, RS-485
<b>Application Software Platform</b>	Web Interface Configuration (AP-mode, WiFi-mode), development kit
<b>Power</b>	DC 12V
<b>Power Assumption</b>	120mW ideal, 480mW flash card/send signal, 600mW only at AP-Configuration mode.
<b>Dimension</b>	W45 x L76 x H12mm
<b>Channels</b>	29 channels (0 – 28 from 919.25Mhz to 922.75Mhz)
<b>Expanding Interfaces</b>	WiFi

## Layout Diagram

