



Protocol Adaptors

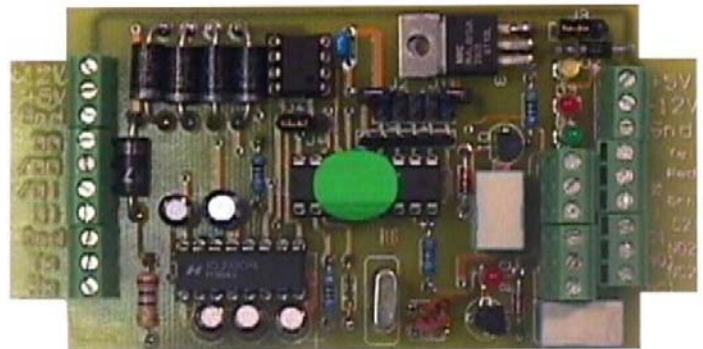
Product Code: L-PA100

Description: Wiegand Interface

The Wiegand interface unit converts data from the Wavetrend Buffer L-CB100 or the Wavetrend Reader L-RX201 to standard Wiegand (bit selectable) protocol as commonly used in the Access Control Industry.

The unit comprises of a plug-in module, consisting of a 8-way screw terminal for the input wires from the Receiver Network and an 8-way terminal for the seven wires to a Wiegand access controller.

The user should order Wiegand encoded Tags for use with this unit.



Features

- User can select between 26 or 32 bit output.
- Wiegand standard LED indicators.
- Build In Test Function with LED indicator.
- Generic Interface to the Wavetrend System.
- On board relays provide additional control functions.
- Connects to either the Commercial Buffer or the ReaderNet.

Applications

The Wiegand Interface allows System Integrators to interface the Wavetrend Active Tagging System into existing Access Control and Security Systems.





L-Series

Product Information Sheet



Specifications

Technical Specification

Input Voltage	5V dc – 13.6V dc
Current Consumption	< 50mA
Relay Capacity	2 A
Tag ID Re-transmission Time	500mS
LED Indications	Yellow (Enable) Green (Valid Read) Red (Disable, Test)

Environmental

Operational temperature	- 10° C to + 60° C
Storage temperature	- 20° C to + 70° C
Humidity	5% to 90% (non condensing)

Physical

Enclosure	Optional, the unit is supplied as a PCB for integration with customer units.
Interface	2 x 8-way terminal connectors



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