

XP-MK-WG22

Wiegand Format Interface Module



Product Description

The XP-MK-WG22 is a compact and reliable Wiegand format converter interface module designed by MicroEngine Technology to facilitate seamless integration between MicroEngine access control systems and third-party Wiegand-based devices. It serves as a protocol bridge that allows Wiegand data to be converted from one bit format to another, ensuring compatibility across different system architectures.

Product Features

- Flexible Wiegand Conversion
- Converts between common Wiegand formats (e.g., 26-bit to 34-bit, and vice versa)
- Enables cross-brand integration between readers, panels, and controller boards
- Plug-and-Play Integration
- Designed for easy in-line installation between reader and controller
- Supports input and output Wiegand signal lines (D0/D1) with minimal configuration
- Optimized for MicroEngine Systems
- Ensures compatibility with MicroEngine SE series access controller boards
- Ideal for projects requiring interoperability with external RFID readers, biometric devices, or card encoders

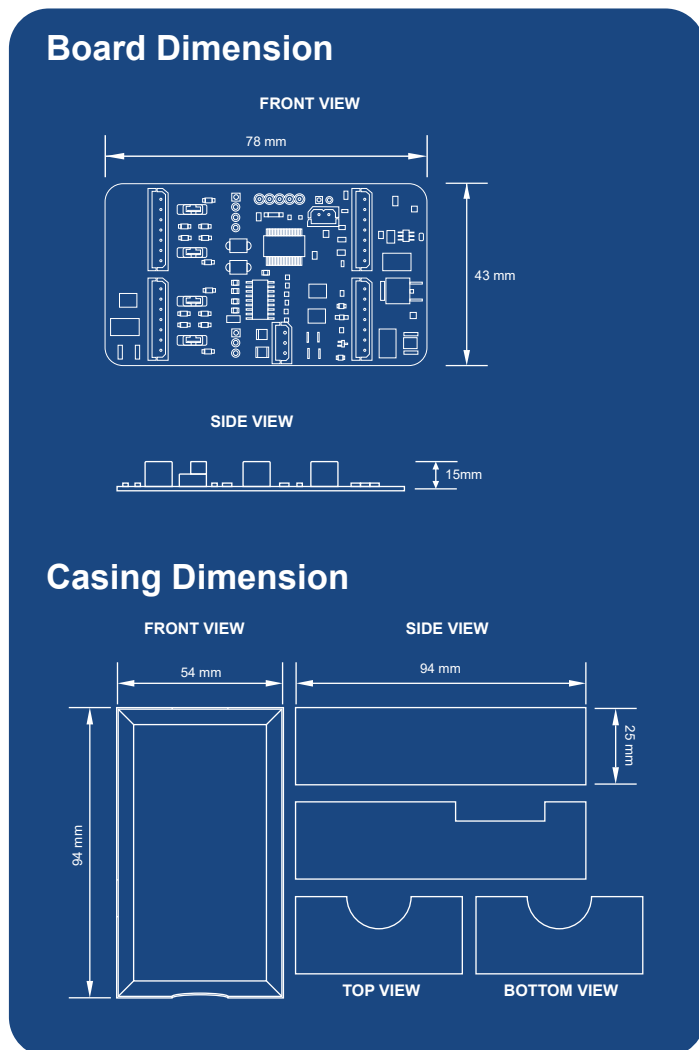
- Reliable Electrical Design
- Stable signal handling for long-distance wiring
- Robust PCB layout and terminal connections for durable field deployment

Product Specification

Dimension	78 mm x 43 mm x 15 mm (Board Only) 94 mm x 54mm x 25 mm (Casing)
Input Voltage	12VDC
Current Consumption	250mA
Uplink	1 RS485 port (to GT controller)
Downlink	1 RS485 port (to GT controller / Exit Reader)
Reader input	2 (1 Entry, 1 Exit)
Output	1 Relay Output with NO and NC connection
Sensor input	1 Exit Button , 1 Door Sensor
Indicator signal	1 Green LED, 1 Red LED, 1 Buzzer
On board buzzer	Yes
Fuse Protection for Power	Yes
Mains fail detection	Yes

Data Sheet | Extension Board

Product Dimension



Ordering Information

XP-GT3500L/IP

Proximity Reader with FingerPrint Reader with Colour LCD and Keypad reader and built-in controller with direct TCP/IP LAN. 3,500 users, 20,000 event transactions.

XP-GT3500LABX/IP

MIFARE / ISO14443A / B Serial No Reader with FingerPrint Reader with Colour LCD and Keypad reader and built-in controller with direct TCP/IP LAN. 3,500 users, 20,000 event transactions.

USB-XPNETHSV17PS

xPortalNet v1.7 High Security Platform Server Edition.

MCI-XPC3000/s

Standalone Software License Dongle xPortal3000

MCI-XPC3000

xPortal3000 Client / Server Software License

MCI-XPC3500

xPortal3500 Client / Server Software License Full edition, max 3 clients, max 64 controllers or 128 doors (whichever comes first).

MCI-XPC3500/S

xPortal3500 Standalone Software License Standalone edition, max 32 controllers or 64 doors (whichever comes first).

Related Product

- ▶ XP-GT3500L/IP
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