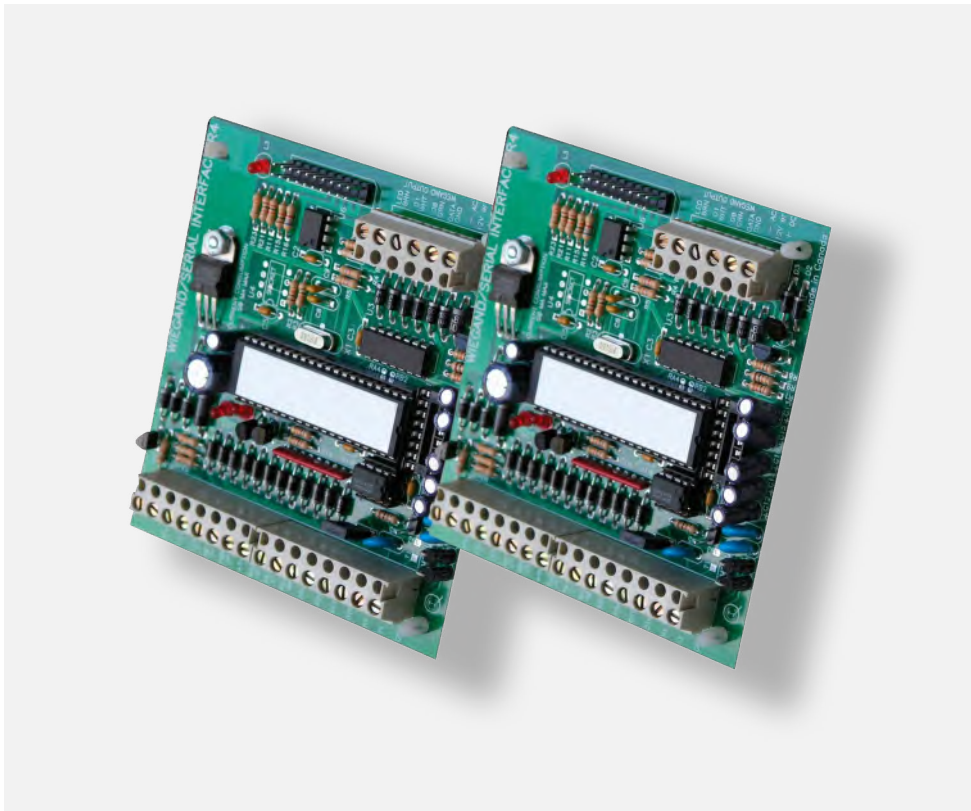


# Keyscan WIEEX2

## Wiegand extender for Keyscan systems



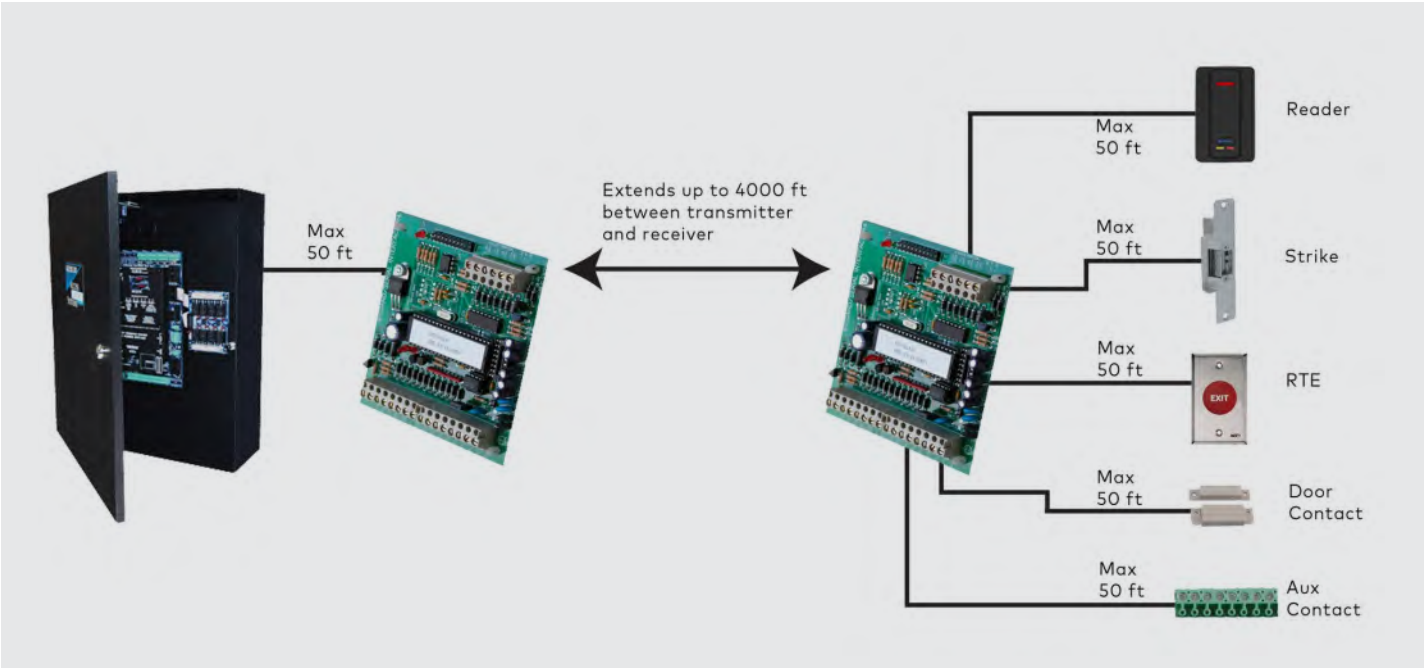
WIEEX2 receiver and transmitter modules are designed to extend the standard 500 ft (152 m) Wiegand cable distance maximum up to 4000 ft (1220 m) using proprietary RS485 communication between them.

WIEEX2 features one transmitter and one receiver and also features built-in door status monitoring, unlock relay and request to exit input designed to reduce cable and installation costs.

### Features and benefits

- Fast, easy, trouble-free installation
- Extends standard cable distance to 4000 ft. (1220m) for greater installation flexibility.
- Proprietary RS485 communications between the WIEEX Transmitter and WIEEX Receiver.
- Simplifies your installations since the Wiegand Extender fully supports activity at one door without additional wiring expense (Wiegand compatible reader, unlock relay, door contact and request to exit).
- WIEEX2 can be installed inside the ACU and use the battery backed up power supply to simplify installation and further reduce costs.
- On-board communications fail output can be connected to an input on the ACU to generate an alarm if the transmitter fails to communicate with the receiver.
- Reduces the installation cost by reducing the number of wire runs, wire count and associated costs.

Applications



Specifications

Input power	12 VDC 1 Amp or direct wired from ACU 12 VDC 1 Amp power supply.
Cable maximums	Panel to WIEEX Rx: 50 ft. (15.2m) (22 AWG 3 pair ) WIEEX Rx to WIEEX TX: 4000 ft. (1220m) (2 wire 22 AWG UTP-Unshielded Twisted Pair)
Certification	FCC Part 15, subsection J for a class B device, FCC Part 68, DOC, UL, CSA, CE.
Dimensions	4" x 4.25" (101mm x 108mm)
Temperature	-35° to 65° C (-31 to 149 °F)
Environmental tolerances	Suitable for light to moderate, commercial and industrial applications.
Relative humidity	0 to 90% non-condensing

© dormakaba 2025 Information on this sheet is intended for general use only. dormakaba reserves the right to alter designs and specifications without notice or obligation.

Any questions? We would be happy to advise you.  
Contact us at: 1-888-539-7226