



WIEEX  
TRANSMITTER



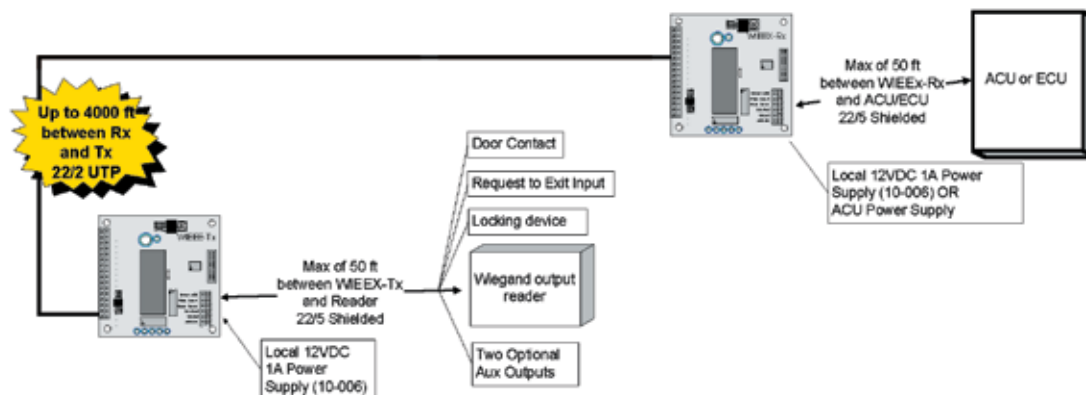
WIEEX  
RECEIVER

- For use in hard to reach locations greater than 500 ft. (152m) from the access control unit.
- Designed by Keyscan for compatibility with any Access Control Unit and Readers supporting Wiegand data format.
- Built-in door status monitoring, unlock relay and request to exit input reduces cable and installation costs.
- Wiegand Tx Extender provides inputs for Door status monitoring and Request To Exit (RTE) and an output to control unlock relay.
- Wiegand Rx Extender provides outputs for Door status monitoring and Request To Exit (RTE) and an input from the unlock relay for connection to any compatible ACU.
- Extends standard 500 ft. (152m) Wiegand cable distance up to 4000 ft. (1220m) using proprietary RS485 communications between Transmitter and Receiver.
- Fast, easy, trouble-free installation.

## FEATURES AND BENEFITS

- Extends standard cable distance to 4000 ft. (1220m) for greater installation flexibility.
- Fast easy installation both at the door and the Access Control Unit (ACU).
- Proprietary RS485 communications between the Wiegand Extender Transmitter (WIEEX-Tx) and Wiegand Extender Receiver (WIEEX-Rx). Ensures compatibility with any Wiegand compatible Access Control Unit as well as all Access Control Units and Elevator Control Units from Keyscan.
- 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).
- The WIEEX -Rx 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 WIEEX -Tx fails to communicate with the WIEEX-Rx.
- Reduces the installation cost by reducing the number of wire runs, wire count and associated costs.
- Simplifies both installation and maintenance procedures.

## APPLICATIONS



## SPECIFICATIONS

### WIEEX (Rx/Tx) Requirements:

Input power:

12 VDC 1 Amp or direct wired from ACU 12 VDC 1 Amp power supply.

### Cable Maximums:

ACU/ECU 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)

### Environmental Tolerances:

Suitable for light to moderate residential, commercial and industrial applications.

Relative Humidity: 0 to 100% non-condensing

Temperature: -35° to 65° C