

UltraPass - UHF Remote Access Control

Product Description

UltraPass is a high performance UHF remote control system with an outstanding reading range (up to 100 metres). It enables long-range remote control to be combined with the many benefits that an access control system provides.

Individually encoded keyfobs transmit their unique codes to the UltraPass W26 receiver, where they are converted into 26-bit Wiegand numbers and passed to an access control unit.

UltraPass provides an ideal solution for remotely operating barriers, automatic gates and doors where individual access rights are managed centrally and user activities recorded.

UltraPass can be added to any existing Wiegand access control platform and used alongside other access control readers and credentials, or it can be used in a standalone configuration together with one of Nortech's standalone controllers.

Receivers and access controllers can be installed at several sites allowing the same keyfob to permit access to multiple sites according to individual access rights.

The system uses the UK approved frequency of 868 MHz.



Features

Transmitters

- ▶ Individually encoded fobs
- ▶ Up to 100m operating range (under open field conditions)

UltraPass Receiver

- ▶ Accepts transmitter codes from Nortech RF keyfobs
- ▶ Converts transmitter codes to Wiegand format to work with standard access control systems
- ▶ Compatible with all Nortech Controllers
- ▶ Can be used to provide access control in addition to or instead of proximity readers and cards

Applications

- ▶ Motorised gates and doors
- ▶ Vehicle barrier and automatic gate systems
- ▶ Industrial access control systems
- ▶ Parking management systems
- ▶ Vehicle access control systems
- ▶ Hi-speed rapid roll doors

Specifications

Transmitter

Frequency:	868.3MHz
Coding:	Factory coded with unique code
Range:	Up to 100m under open field conditions
Power supply:	1 x 3V battery, CR2032
Indicator:	LED
Protection:	IP54
Dimensions (mm):	55 x 36 x 16
Approx. weight:	17g (including battery)

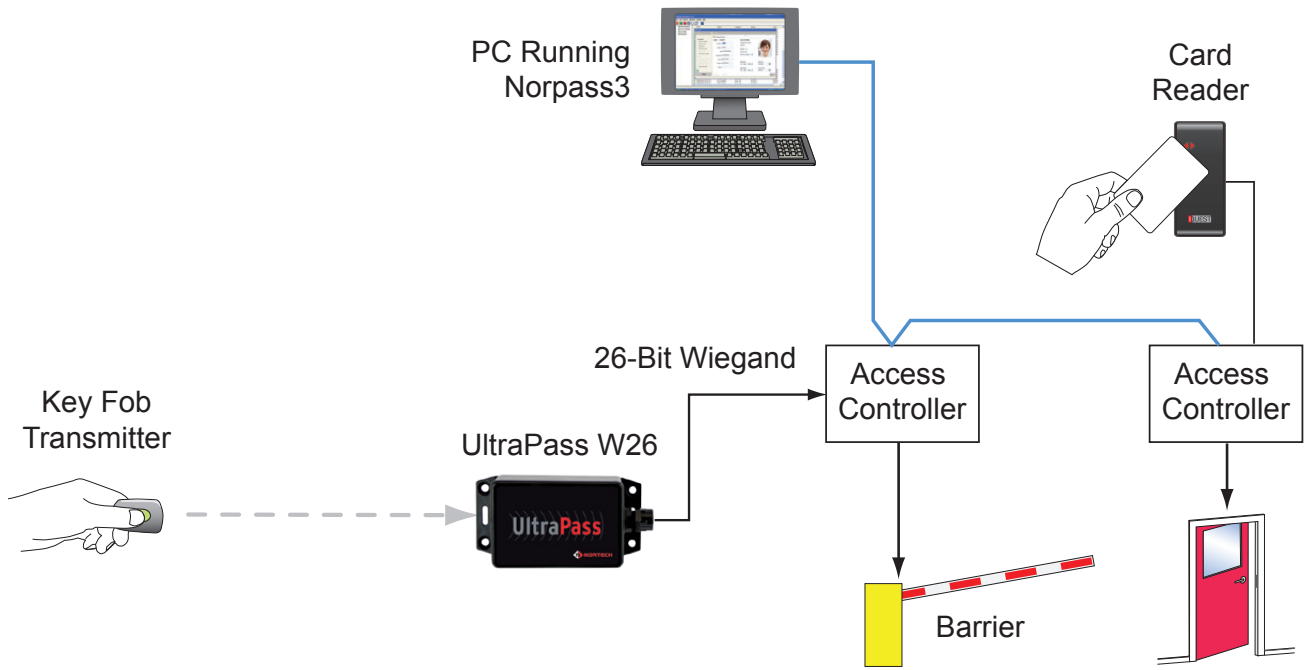
Receiver/Wiegand Converter (UltraPass W26)

Frequency:	868.3MHz
Power Cons:	approx. 11mA (at 24V)
Output:	26 bit Wiegand
Operating Temp:	-20°C to +60°C
Protection:	IP54
Dimensions (mm):	110.2 x 56 x 36.5 (L x W x D)

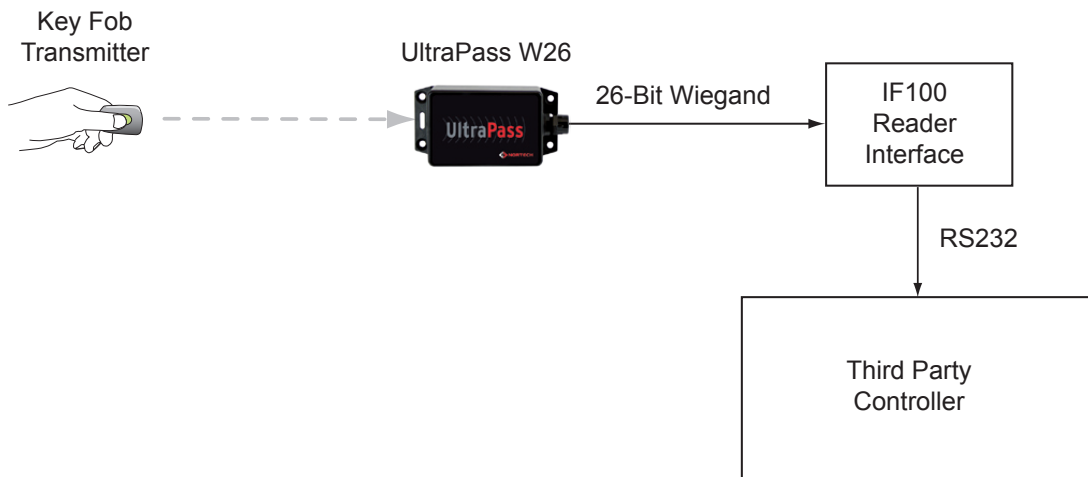
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Example Configurations

Networked Access Control (Combined With Card Access)



OEM Application



Ordering Information

UltraPass W26	UHF remote control receiver with 26-bit Wiegand. For use with RT21 transmitters	RT21-02	Sequentially coded two-button UHF transmitter fob
RT21-01	Sequentially coded single button UHF transmitter fob	IF100	IF100 Reader Interface