



## ICT Wireless 433MHz Transmitter



The ICT Wireless 433MHz Transmitter is designed for long range wireless access control of garage doors or sliding gates. Each transmitter is compatible with most electronic access control systems, can function as a personal alarm device, and optionally comes with built-in proximity tag for standard door access. This high quality transmitter is hermetically sealed to protect against water and foreign substances. Delivering an impressive read range up to 200m (656ft) in open environments, it offers convenience and security with unmatched performance.

### Feature Highlights

- > Long range, up to 200m (656ft)
- > 2 or 4 buttons with access control and personal alarm
- > Conveniently attaches to a keyring or keychain
- > Standard Wiegand output
- > Rolling code prevents duplication
- > Optional DESFire, Mifare or HID proximity for short range use
- > Combine your access needs into one compact convenient device
- > Hermetically sealed (waterproof)

## Convenience and Security

The convenience of RF access control transmitters combined with the security of a personal alarm system.

## Personal Alarm Device

With the installation of additional receivers in desired areas, the red button can be used as a personal alarm device. In the event of an emergency where someone presses the button, a nearby receiver will detect the signal and activate an alarm relay. This alarm relay can be used for annunciation or to activate a third party alarm system.

## Short Range Proximity Options

Also available with an embedded DESFire, Mifare or HID compatible proximity device, allowing the transmitter to be used on short range proximity readers for standard door access and eliminating the need to carry a separate access card.

## Advanced Technology

Standard Wiegand output is compatible with most electronic access control systems when used alongside the ICT Wireless 433MHz Receiver. Rolling code prevents credential duplication.

## Technical Specifications

	Wireless 433MHz DESFire Transmitter	Wireless 433MHz MIFARE Transmitter	Wireless 433MHz HID26 Transmitter	Wireless 433MHz Transmitter
Ordering Information	RF-REM2-433-DF RF-REM4-433-DF	RF-REM2-433-MF RF-REM4-433-MF	RF-REM2-433-HID26 RF-REM4-433-HID26	RF-REM2-433 RF-REM4-433
<b>Technology</b>				
MIFARE DESFire	✓	✗	✗	✗
MIFARE	✗	✓	✗	✗
125kHz	✗	✗	✓	✗
433.92MHz	✓	✓	✓	✓
<b>Features</b>				
Buttons	2 or 4			
Supply	CR2032 3V			
Battery Life	12 to 24 months			
Current Consumption	15mA			
Frequency	433.92MHz			
Output Code Combinations	10			
Rated E.R.P	58 to 100mW			
Read Range in Free Space *	100 to 200m (328 to 656ft)			
<b>Dimensions</b>				
Dimensions	60 x 40 x 16 mm (2.36 x 1.57 x 0.62")			
Weight	24g (0.84oz)			
<b>Operating Conditions</b>				
Operating Temperature	-20° to 55 °C (-4° to 131°F)			

\* Read range is dependent upon reader technology and installation conditions and may vary accordingly.

The Wireless Transmitters require an RF-RCVR-433 Wireless 433MHz Receiver and are not compatible with other receivers.

---

## Regulatory Notices

### **RCM (Australian Communications and Media Authority (ACMA))**

This equipment carries the RCM label and complies with EMC and radio communications regulations of the Australian Communications and Media Authority (ACMA) governing the Australian and New Zealand (AS/NZS) communities.

### **CE – Compliance with European Union (EU)**

Conforms where applicable to European Union (EU) Low Voltage Directive (LVD) 2014/35/EU, Electromagnetic Compatibility (EMC) Directive 2014/30/EU, Radio Equipment Directive (RED) 2014/53/EU and RoHS Recast (RoHS2) Directive: 2011/65/EU + Amendment Directive (EU) 2015/863.

This equipment complies with the rules, of the Official Journal of the European Union, for governing the Self Declaration of the CE Marking for the European Union as specified in the above directives.

### **Federal Communications Commission (FCC)**

FCC Rules and Regulations CFR 47, Part 15, Class A.

This equipment complies with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; (2) This device must accept any interference received, including interference that may cause undesired operation.

### **Industry Canada**

ICES-003

This is a Class A digital device that meets all requirements of the Canadian Interference-Causing Equipment Regulations.

CAN ICES-3 (A)/NMB-3(A)

> For a full regulatory and approval list please visit the ICT website.

**New Zealand**

4 John Glenn Ave  
Rosedale  
Auckland 0632  
Email: sales@ict.co  
Toll free: (0800) 428 111  
Ph: +64 9 476 7124

**USA**

5265 S Rio Grande Street  
Suite 201  
Littleton, CO 80120  
Email: ussales@ict.co  
Toll free: (855) 428 911  
Ph: +1 720 442 0767

**Canada**

6201 Highway 7  
Unit 7  
Vaughan, Ontario, L4H 0K  
Email: cansales@ict.co  
Ph: +1 647 724 3428

**Australia**

Building 4  
39-43 Duerdin Street  
Notting Hill, VIC 3168  
Email: ausales@ict.co  
Ph: +61 426 145 907

**EMEA**

Email: emeasales@ict.co  
Ph: +44 1625 800078

Designers & manufacturers of integrated electronic access control, security and automation products.

Designed & manufactured by Integrated Control Technology Ltd.

Copyright © Integrated Control Technology Limited 2003-2019. All rights reserved.

**Disclaimer:** Whilst every effort has been made to ensure accuracy in the representation of this product, neither Integrated Control Technology Ltd nor its employees shall be liable under any circumstances to any party in respect of decisions or actions they may make as a result of using this information. In accordance with the ICT policy of enhanced development, design and specifications are subject to change without notice.