

RF receiver and fobs



RF Receiver and Fobs

An extremely cost effective RF long-range reader solution, that delivers exceptional read-ranges.

Using two button key-fobs which transmit a unique and highly secure encrypted code to a receiving unit, this solution is ideally suited to vehicular control (such as a car park) where it is required to remotely open the barrier. The system allows the connection of two channels of the receiver to a TDSI access control unit, providing the ability to control 2 access control points through one 2-button fob.

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DS0070_Issue 2

SPECIFICATIONS

TDSi Part No.	5002-0210 (Fob) , 5012-0200 (Receiver)
Dimensions	85 x 65 x 32 mm
Material	ABS Plastic
Operating Environment	-40 °C to +50 °C, 0 to 95 %RH (non-condensing)
Power supply	9 – 25V dc @ 300mA Max
Operating frequency	433.92 MHz
RF Signal Type	Code Hopping (Keeloq™) AM ASK
Output channels	4
Output Options INT REMOVED EXT	Shunt selectable 10k pull up to 5V DC Open collector +5V DC out terminal active for user selectable external pull ups
Reverse polarity protection	Yes (diode)
Output formats	Wiegand 26 bit
Coding combinations	4.2 billion

FEATURES & BENEFITS

Long range

Up to 100m range provides effective use in all applications allowing easy installation of the receiver in a secure location.

Simple programming

Easy to program new and additional fobs to existing receivers.

Optional proximity fob

Use the fob on your access control system using standard proximity readers.

Secure code hopping encryption

Provides peace of mind .

ORDERING INFORMATION

Part Number: 5012-0210

Description: Long range RF fob

Part Number: 5012-0211

Description: Long range RF fob with Proximity tag

Part Number: 5012-0200

Description: Long range RF Receiver – compatible with RF Fobs



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