

# Cyphertag® Readers



The RFID reader is the brain of the intelligent RFID system, identifying our high-performance, durable RFID tags using low-frequency radio signals. Our products are suitable for numerous applications, including a replacement for card swipe readers, cashless vending applications, hazardous areas, and more.



## Features

- ✓ Mid-range reader (Max 1.3m range)
- ✓ High fidelity reading (1:100 million error rate)
- ✓ Secure digital data exchange
- ✓ Range selection (1.3m to 0.4m)
- ✓ Tag battery low indicator
- ✓ Fast multiple (anti-clash) reading
- ✓ Screw terminal connectors
- ✓ Configurable Relay
- ✓ Master/Slave configuration for wide areas
- ✓ Completely configurable using Windows configuration tool

## RELV1 | Mid-range Reader

A complete Cyphertag® reader, the RELV1 has been designed to provide a mid-range, low-cost option to complement our “Hands Free” readers. It is simple and quick to install. This unit is suitable for numerous applications as its size means it can be mounted unobtrusively giving read ranges of up to 1.3m.



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With nearly 40 years of experience in touch-free radio frequency identification systems, our technology products are used around the globe, providing innovative solutions for a wide range of application and industries. Check out our full product range at [www.identec.com](http://www.identec.com) or to discuss your bespoke requirements regarding our RFID products please [get in touch](#).

## Suitable for these Applications

### Access Control

Convenient touch free technology to easily manage access to your locations, by applying our pioneering technology at one or multiple entrance and exit points.

### Car Parking

Create an intelligent parking system where the entry and exit of cars are monitored, with vehicle or driver identification, or both.



## Technical Specification

Specification	Details
Output Format	Wiegand or Clock & Data and RS232
Physical Size	240 x 200 x 18mm
Temperature Range	-20°C to +60°C (-4°F to 140°F)
Humidity	0 - 80% Non-condensing
LED Indication	RED internally controlled GREEN can be internally or externally controlled
Terminations	14 pin screw terminal, USB port for configuration
Power Requirements	12 – 26 volts DC @ 150mA max
Buzzer Operation	Configurable for tag read or battery low
Read Range	Typically 1.3m, configurable to 0.4m
Speed of Reading	Typically 10 tags per second
Approvals	CE, UKCA, ETSI