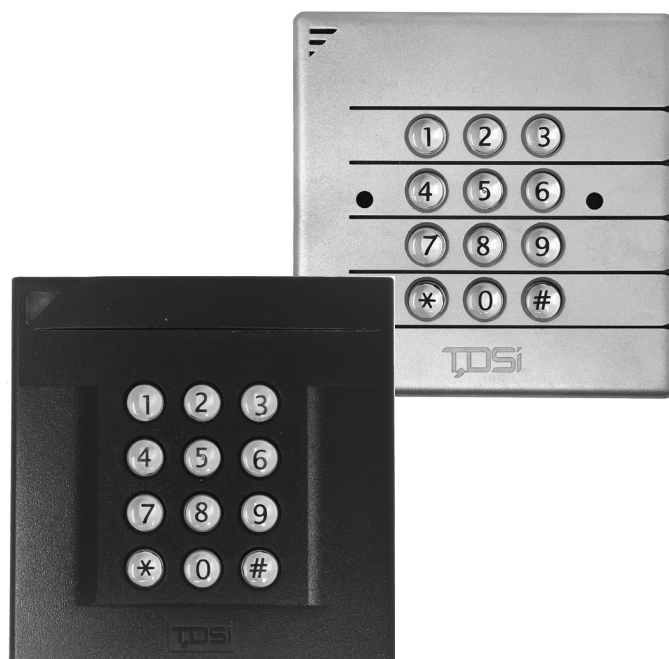# EXprox 2K / EXprox 2K VR Reader

EXprox 2K / EXprox 2K VR (Vandal Resistant) are high-performing contactless proximity readers, designed to be mounted in a standard electrical backbox making for a neat and simple installation. These high-quality access control card readers provide robust, reliable performance through contactless technology for a wide range of applications. With a read range up to 15cm, these fully featured blue backlit keypads readers are available in a number of options for maximum design flexibility.

## Features

- Mounts into a standard electrical back-box
- Tough clip-on covers in graphite & light grey
- Available in stainless steel vandal resistant (VR) version to deter and resist attack
- Supports the 2 Reader Mode of MICROgarde access control units
- Blue backlit keypad
- Ability to increase security by adding a PIN to your card-based access control
- Pluggable terminal block cable termination
- Integral LEDs and sounder to give the user unambiguous audible and visual indication of card reads and access status
- Industry standard outputs
- Read range of up to 150mm dependant on card format used

## Specification

| | EXprox 2K Reader | EXprox 2K VR Reader |
|---|---|---|
| **TDSi Part Number** | 5002-0396 | 5002-0357 |
| **Dimensions** | 102 x 102 x 20 mm | |
| **Weight** | 190 g | 310g |
| **Operating Environment** | -20°C to + 55°C, 0 to 95% RH (non-condensing) | |
| **Power Supply** | 9 to 16 VDC, 100 mA max | |
| **Operating frequency** | 125kHz | |
| **Card technology** | EM4100, EM4102, EM4200 and compatible | |
| **Sounder** | Integral with external control | |
| **LEDs** | 2; red and green both with independent external control | |
| **Read range** | <150 mm with ISO card <br> <70 mm with tag | <45 mm read range |
| **Output formats** | Magnetic, 26-bit Wiegand | |

## Ordering Information

| EXprox 2 Readers | |
|---|---|
| EXprox 2K Square Reader | **5002-0396** |
| EXprox 2K VR (Vandal Resisitant) Square Reader | **5002-0357** |
| **Proximity 125 kHz Cards and Fobs** | |
| ISO Proximity Card Printed with  TDSi Logo and ID Number | **4262-0245** |
| Proximity Blue Fob Printed with TDSi Logo and ID Number | **4262-0246** |
| **Mounting** | |
| EX Reader Mounting Plate | **1062-0387** |
| EXprox 2 Metal Surface Box Assembly | **5002-0490** |