

# Proximity reader - Backbox, MIFARE®

## System specifications

|                                 |                                    |  |
|---------------------------------|------------------------------------|--|
| Cable length                    | None included                      |  |
| Cable extension length and type | ≤ 25m/82ft<br>≤ 100m/328ft         | Belden 9538/ Belden 5506FE (USA)<br>Belden 9540/ Belden 5306FE (USA) |
| Token compatibility             | Paxton<br>EM<br>MIFARE® (UID only) |  |
| Cloning resistance              | Low                                |  |
| Handsfree compatible            | Yes                                |  |
| Wiegand                         | Yes (Max 50 bits)                  |  |

## Electrical

|                     |              |
|---------------------|--------------|
| Operating voltage   | 10V - 14V DC |
| Current consumption | 140mA        |

## Environment

|                       |                                |
|-----------------------|--------------------------------|
| Operating temperature | -20°C - +55°C<br>-4°F - +131°F |
| Moisture resistance   | No                             |
| Vandal resistance     | Medium                         |



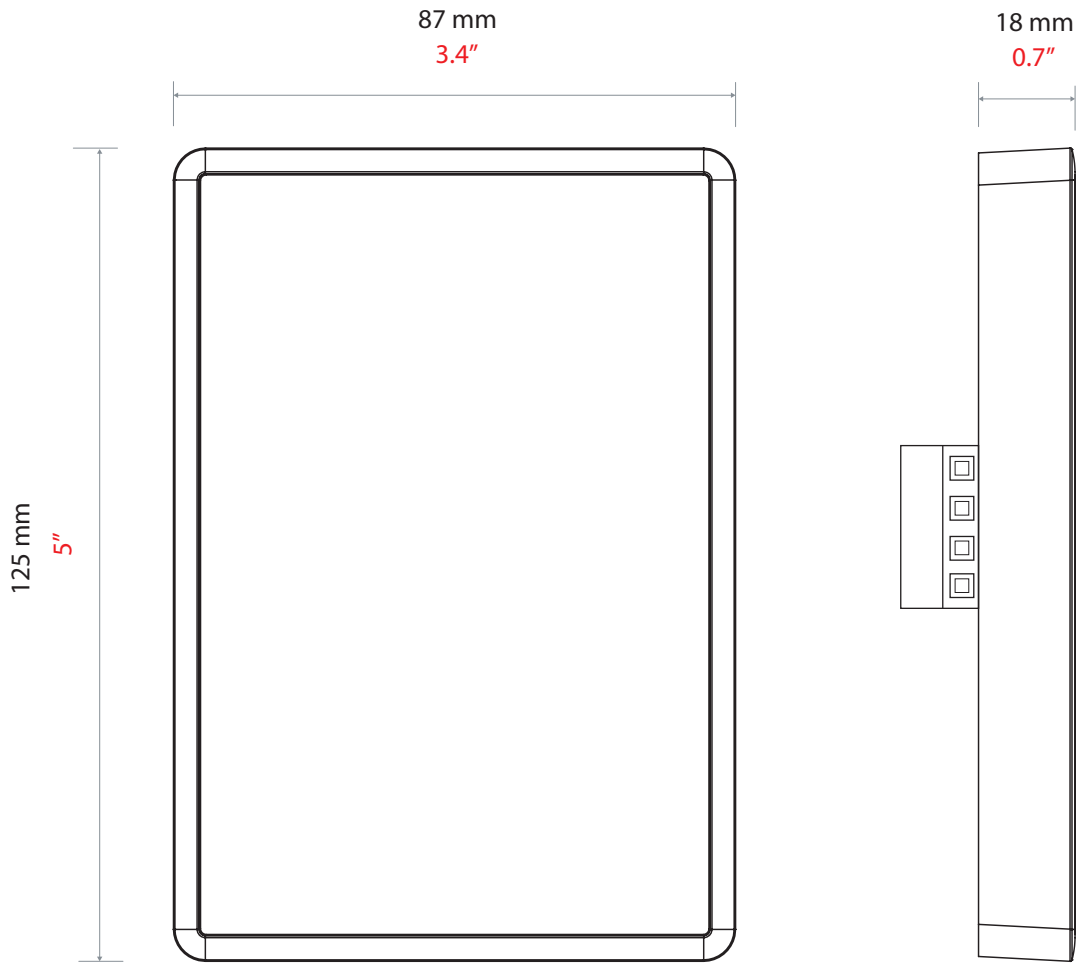
The proximity backbox mifare readers are RFID devices that offer the convenience of contactless authentication for system users.

They are available for use with both Switch2 and Net2 systems. The reader is wired as shown on the control unit label.

Note: Be sure to avoid mounting proximity readers on metal surfaces or near other proximity readers as this will affect the read range.

A token is read by holding it within close proximity of the reader. Once a token has been read the control unit looks up the access permissions of that user. The control unit verifies the information and grants or denies access as appropriate.

If access is granted or denied, an audible tone is emitted



Accessories and sales codes

Proximity reader - Backbox, MIFARE® 371-125-EX

