



**alpha**

The Alpha reader is a 2-SMART reader developed for the advanced scalable access controller iPassan and for Easy Door Controller. This 2-SMART reader is based on our own protocol and offers unique security and features. It has been designed to integrate the Urmet Alpha modular Door Entry System.

### Main features



- ∞ High security and easy installation with the 2 wire output and encrypted bus
- ∞ Proximity reader Mifare® Classic and Mifare® Plus (128 bit AES encryption)
- ∞ LED indicators
- ∞ Online and remote upgradable firmware

### Power Supply

The Alpha reader is powered by the controller.

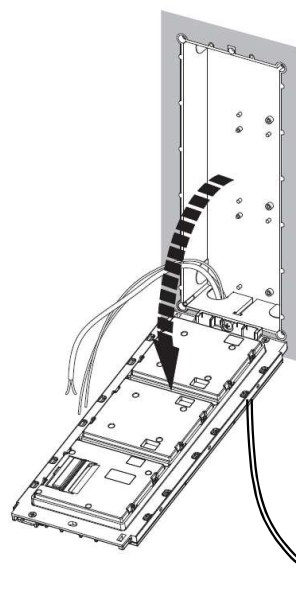
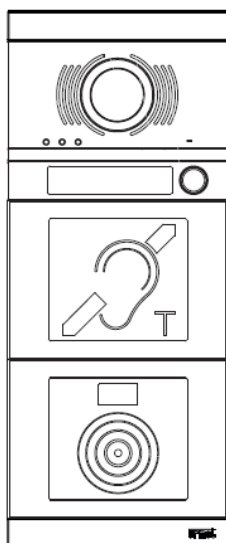
### Connectivity

The 2-SMART reader is connected via 2 wires and enables permanent bi-directional communication (FDI protocol) with the iPassan controller. The controller knows in real time if the reader is connected.

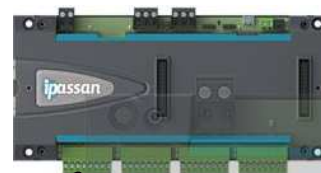
### Firmware upgrade

The firmware of the Alpha reader can be updated using the iPassan Manager software.

### Installation



*Tip the frame and connect both wires coming from the iPassan controller reader port to the Alpha reader.*



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## Technical Specifications

<b>Power Supply</b>	
Operating Voltage	12V supplied by the controller via the 2 wire connection
<b>Outputs</b>	
2-SMART output	2 wires
Max cable distance	100 m - 8/10 AWG20
Frequency	13.56 MHz (MIFARE Classic®, MIFARE Plus®) MIFARE Plus® remote controls cannot be read on this reader.
<b>Read Range</b>	
MIFARE Classic	Up to 40mm
<b>LEDs</b>	
2 colours	Management with the access control software
<b>Temperature</b>	
Operating	-20°C to 60°C
Storage	-20°C to 70°C
Humidity	85 RH max
<b>Dimensions</b>	
Dimensions (L x W x H)	125mm x 90mm x 26mm
Weight	150g

FD-020-227 Data sheet-A

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