

Hitools Access

Le Spécialiste des outils d'identification et de Sécurité d'accès



PRODUCT CATALOG

EM125KHz Access Door Reader

R100 Access Door Reader



Fully customize your access control and time attendance system with R100 family. Maintain the same aesthetic in your building by mixing and matching our hardware and maximizing the efficiency of the installation process.

THE LATEST FEATURES:

- Providing flexibility in credential model choice with multi RF card(EM125kHz Technology, EM410X or compatible)
- Wall mount keypad form factors allow for US and EU compatible mounting options; creating a simpler install process at each door
- Wide voltage range design 9~24V for different system
- Multi exterior designs with our patent
- OLED display to realize wide angle, high contrast, quick response and wide color field display(visible in sunlight)
- Tamper detection senses any type of altering and prevents a security breach with the device
- Total Flexibility – The ability to easily integrate with other systems and go where other access control solutions can't gives you the freedom to adapt to changing needs
- IP65 waterproof for indoor and outdoor harsh environment use
- Firmware online upgrade
- OEM/ODM service

Specifications

CREDENTIAL TYPES

EM125kHz Technology, EM410X or compatible

General info

Low Frequency

5.2" x 2.4" x 0.9"(132mm x 62mm x 23mm)

Terminal Strip Installation

Card, PIN, Card+PIN Working Mode

OLED Display

Power supply options

9-24V DC

Communication interfaces

RS232/485,TCP/IP,Weigand26,34,40,42,50,56,58

Environmental

IP65 Waterproof for indoor &outdoor

Operating Temperature -32° to 131° F (0° to 55° C)

Storage Temperature -4° to 140° F (-20° to 60° C)

Operating Humidity 5% to 95% relative humidity non-condensing

FCC Certification (US), CE (EU)

Visual Indicator

OLED Display 128 x 64 OLED(1.54")

4x3 keypads with backlight, Doorbell

Buzzer and multi-color LED

SECURITY FEATURES

Tamper Detection

Software compatible & Testing

R100 Config tool

HTP(hardware testing package)

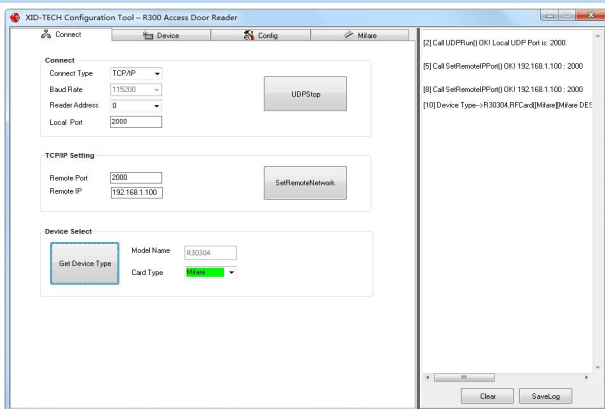
- Access Control
- Club / Loyalty System
- Parking system
- Printer Secure audit system
- Small-to-large sized organizations

Order Guide

Config Number	Specifications
R101-X	EM125KHz , EM410X and compatible RS232/RS485/TCP/IP, Wiegand26,32,32e,34,40,42,50,56,58 Without keypad and OLED
R102-X	EM125KHz , EM410X and compatible RS232/RS485/TCP/IP, Wiegand26,32,32e,34,40,42,50,56,58 With keypad
R103-X	EM125KHz , EM410X and compatible RS232/RS485/TCP/IP, Wiegand26,32,32e,34,40,42,50,56,58 With keypad and OLED

“X” in the model Name: X=2 RS232, Wiegand26,32,32e,34,40,42,50,56,58
X=4 RS485, Wiegand26,32,32e,34,40,42,50,56,58
X=T TCP/IP, Wiegand26,32,32e,34,40,42,50,56,58

Related Software and Testing Program



R100 series configuration tool offer for reader configuration and testing. It includes the setting of device setting and configuration, and all parameters as address, baud rate and serial number etc.



A plug & play Hardware Testing Package (HTP) for your fast testing and evaluation. Package list:

- Testing Board ● Power supplier ● RS232 cable
- Wire cable ● Internet cable ● Testing Cards
- RS232 / RS485 converter



Popular Applications

Copy and printing access control



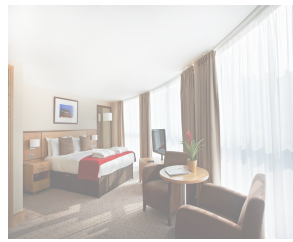
Access Control and Time attendance



Visitor management



Smart Hotel Lock system



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