XID-TECH CO., LTD(SHENZHEN)

- RFID Security & Identity Solution -

PRODUCT CATALOG
Access Control & Time Attendance System

SHENZHEN, CHINA

C300   Access Control and Time Attendance Terminal
R300   Access Door Reader

Fully customize your access control and time attendance system with C300 & R300 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(13.56MHz and 125KHz)

- Bluetooth allow customers to utilize mobile application and use smart phone as their credential

- PoE based switches or routers eliminate the need for large numbers of AC power supplies or the installation of new AC outlets at the remote modes

- Wall mount keypad form factors allow for US and EU compatible mounting options; creating a simpler install process at each door

- Multi exterior designs with our patent

- 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

- The Open Systems platform enables seamless integration with other systems
- Firmware online upgrade
- OEM/ODM service

Specifications

CREDENTIAL TYPES

ISO14443AMIFARE®, MIFARE® DESFire® EV1, MIFARE Plus®, ISO14443B, Sony FeliCa™, MIFARE Ultralight®, MIFARE Ultralight C®, ISO18092 NFC / ISO15693 /EM125KHz Card Compatibility

General info

Low Frequency, High Frequency and Bluetooth Low Energy
5.2" x 2.4" x 0.9"(132mm x 62mm x 23mm)
Terminal Strip Installation

Power supply options

9-24V DC
POE(IEEE 802.3af)

Communication interfaces

RS232/485,TCP/IP,Weigand26,34,40,42,50,56,58
Bluetooth4.0

Environmental

IP65 Waterproof for indoor &outdoor, UL 294 Outdoor Rated
Operating Temperate   -32˚ to 131˚ F (0˚ to 55˚ C)
Storage Temperate   -4˚ to 140˚ F (-20˚ to 60˚ C)
Operating Humidity 5% to 95% relative humidity non-condensing
FCC Certification (US), CE (EU)

Inputs/Outputs(C300 CONTROLLER)

2 inputs (push button, door state sensor)
2 relay outputs (lock, alarm)
Alarm for C300 Controller
1. Door non-closed detection   2.Housing sabotage alarm
3. Door broken alarm   4.Duress alarm in case of emergency
5. 90% full of memory

Visual Indicator

OLED Display 128 x 64 OLED(1.54")
4x3 keypads with backlight, Doorbell
Buzzer and multi-color LED

INTELLIGENCE CAPACITY(C300 CONTROLLER)

10,000users，100,000events
16 time group (each time group has 8 days including one holiday and each day has 5 time schedule)

SECURITY FEATURES

Tamper Detection

Software compatible & Testing

R-SDK, R300 Config tool
C-SDK, C300 Host Demo
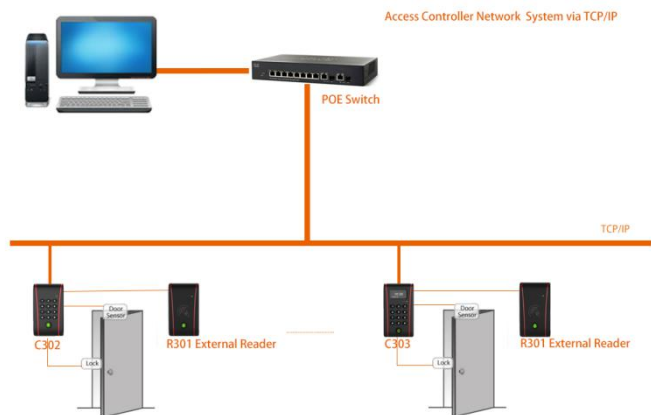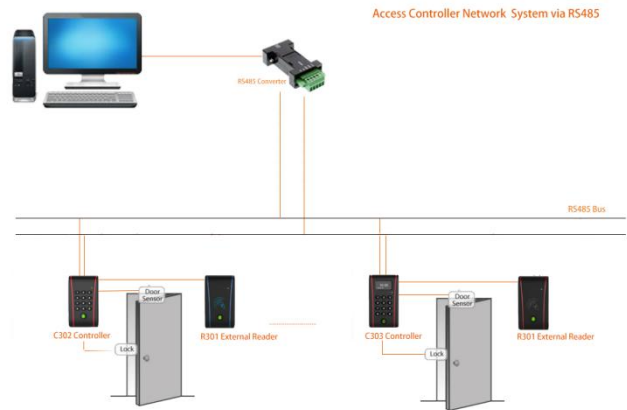HTP(hardware testing package)

Order Guide

Config Number	Specifications	Options
R/C30X01	ISO14443A MIFARE®	ISO18092 NFC
		ISO15693 / EM125KHz Card
R/C30X02	ISO14443AMIFARE®,MIFARE DESFire®EV1, Sony FeliCa™, MIFARE Ultralight®,MIFARE UltralightC®	Bluetooth4.0
		POE(IEEE 802.3af)
		(All above optional functions can
R/C30X03	ISO14443AMIFARE®,MIFARE PLUS, Sony FeliCa™, MIFARE Ultralight®,MIFARE UltralightC®	be added based on standard config model)

R/C30X04	ISO14443AMIFARE®,MIFARE DESFire® EV1, MIFAREPlus®, SonyFeliCa™,ISO14443B,MIFARE Ultralight®,MIFARE UltralightC®	Note: R=R300 reader
		C=C300 controller
R/C30X05	ISO14443AMIFARE®,MIFARE DESFire®EV1,MIFARE Plus®, SonyFeliCa™,ISO14443B,MIFARE Ultralight®,MIFARE UltralightC® Bluetooth4.0	"X" in model name: 1: without keypad and OLED 2: with keypad 3: with keypad and OLED

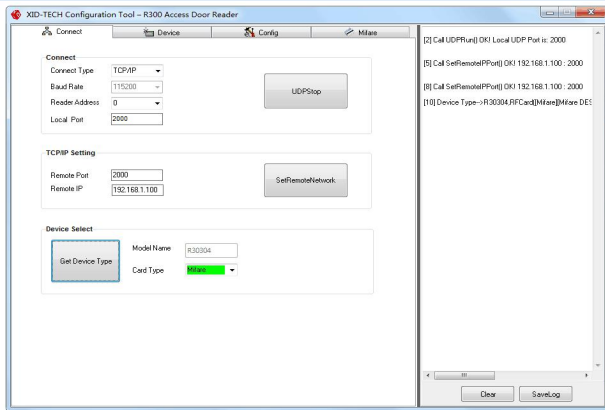Interface options: RS232, RS485, RS232+TCP/IP, RS485+TCP/IP

Specifications are subject to change without notice.
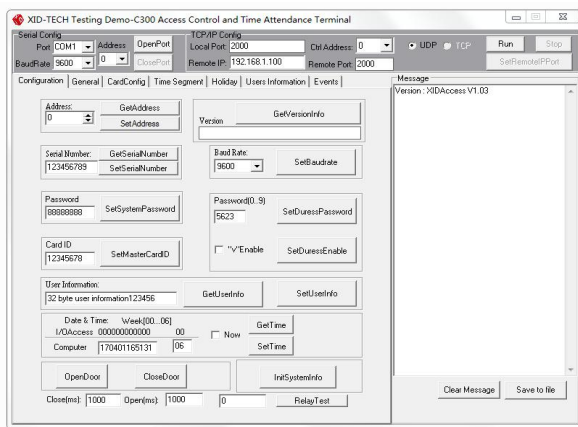
Applications and Configuration

- Access Control

- Club / Loyalty System

- Parking system

- Printer Secure audit system

- Small-to-large sized organizations

Related Software and Testing Program

R300 series configuration tool offer for reader configuration and multi cards testing. It includes the setting of device setting and configuration, and all parameters in Mifare, Mifare Plus, DESFire EV1, Ultralight, Felica and NFC tag, support ISO14443A. This software tool ease for your reader using detection and diagnosis in normal application environment.

C300 series testing demo offer for controller configuration and multi cards testing. It includes the setting of device setting and configuration, and all parameters in Mifare, Mifare Plus, DESFire EV1, Ultralight, Felica and NFC tag, support ISO14443A. This software tool ease for your reader using detection and diagnosis in normal application environment.

SDK (software development kit) work with R300/C300 series products for second development, which includes API, Host Demo, Mobile phone Bluetooth apk, User manual, USB driver and program example. It's developed by C++ builder developing tool on windows operating System and GCC developing tool on Linux OS, compatible to VC, VB/VB.NET, C++, C#. NET, Delphi 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
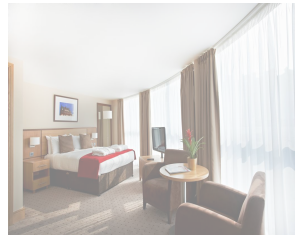
Copy and printing access control

Access Control and Time attendance

Visitor management

Smart Hotel Lock system

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