RFID Hotel Locking System

XID dedicates to design&research intelligent standalone and network electronic door lock based on RFID and Bluetooth fashionable technology, which realize market-oriented, easy to install, high stability Standalone, RS485 and TCP/IP POE locking system.

The compact structure by TCP/IP POE door lock, POE switch and related software, and simple system wiring via RJ45 communication and power supply can be easily used in different using environment as student apartment, staff quarters, office buildings, office buildings, star hotel, laboratory, nursing homes and other places.

FEATURES

- ➢ The real time clock inside record staff card information, door lock state and lock handling type
- ➢ The available external magnetic door realize real time monitoring
- ➢ Remote control to open, close and active normally open function
- ➢ Available to connect exit button
- ➢ Time group control function to operate segmented control in and out for staff
- ➢ Multi alarm functions as illegal intrusion, fire control linkage
- ➢ Standalone and Network mode, which can be automatically switch in different system environment
- ➢ 13.56MHz RFID card as Mifare (S50/S70), CPU card etc

SPECIFICATION

Model Name	L301 (Standalone)	L302 (RS485)	L303 (POE)
CPU	-----	32 ARM	
Power monitoring	4.7V, another 100 times of door opening after low battery alert	Lock stop working under low power to ensure the stability	
Watchdog	Inside watchdog to avoid system crashed		
Communication	-----	RS485	TCP/IP 10/100M self-adaption
Power supply	4.7 to 6.5 and 4 x 1.5V DC Battery life:>15,000 times	9-12V DC	POE（48V），IEEE802.3AT
Current	No operating: <27μA Operating: <500mA, single-run 0.2 seconds	<=100mA	<=50mA
Contactless card supporting	13.56MHz ISO14443A Mifare(S50,S70)		
Reading Speed	<0.2 second, 100% effective and accurate to read card	<=0.3S, Life time: 500,000 times	
Reading Distance	>=3cm		
Door thickness supported	38 to 80mm		
Card Capacity	-----	512pcs	
Events Capacity	audit trail records last 1000 unlocking transactions	768	
Record Uploading	-----	>=80events/s	
Records Types	Reading cards, Un-registed card, Exit button, Door half-open, fire-control etc		
Wording Modes	RFID Card, Button	RFID Card, Button, Remote Computer	
Time Zone	-----	16 time group (each time group has 8 days including one holiday and each day has 5 time schedule)	
Size for PCB Board	-----	6.2*3.6cm	5.5*4.8cm
Environment temperatures	-25 ~ 60°C	-20 to 80°C	
Working Humidity	15 ~ 95%RH	10 ~ 85%RH	
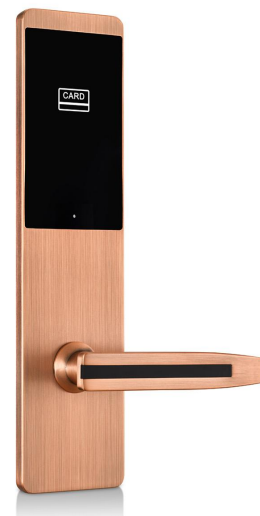
| L301a | L301b | L301c |

➤ All above lock exteriors can be configured to standalone, RS485 or TCP POE mode.

SYSTEM CONFIGURATION
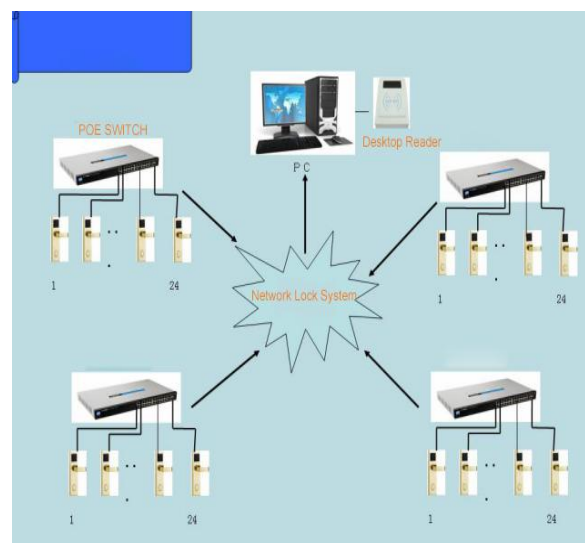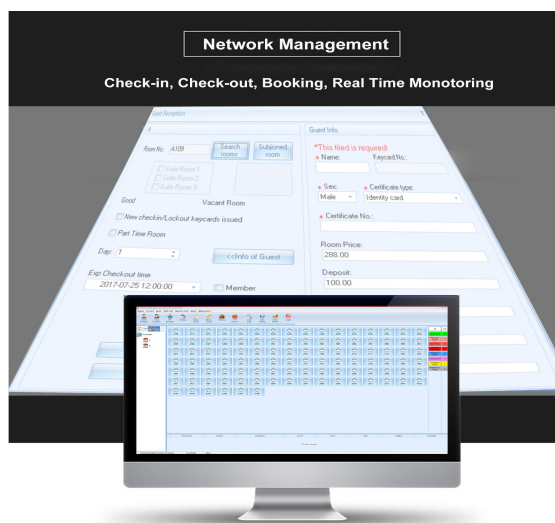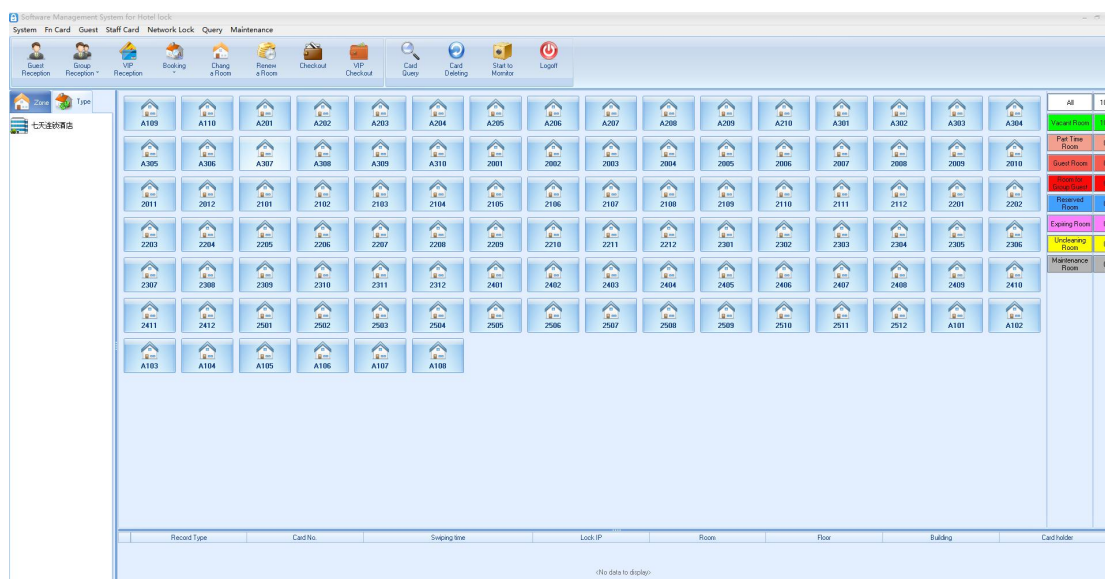
System	Guest Room Management
	System Paremeter
	VIP Card Management
	Operation Right
	Operator Management

Fn Card	Return Fn Card
	Authorization Card
	Room No. Card
	Clock Card
	Lockout Card
	Data Card

Guest	Guest Reception /Group Reception
	Booking
	Change a Room
	Renew a Room
	Checkout
	VIP Reception
	VIP Checkout
	Card Query
	Card Deleting

Staff card

Master Card
Bldg Card
Foor Card
Group Card
Emergency Card

Query

Loading Data Card
System Log
Guest Info
Audit Trails

NetworkLock

Lock Management
Remote Control

Maintenance

Data Restore
Data Cleaning
Help
Software Registration

Hotel lock management system can be customized according to real project

RELATED PRODUCTS & ACCESSORY

Desktop Reader   POE Network Switch   RFID Card   Power Saving Switch