

PRODUCT SELECTION MANUAL

产品选型手册

工业物联网锁具解决方案供应商
Industrial IoT lock Solution Provider



CORPORATE INTRODUCTION

企业介绍

徐州克瑞艾特电子科技有限公司成立于2016年，专业从事智能锁具的研发、制造与销售，并提供专业的智慧锁群管理方案。

2021年，公司搬进全新大楼，位于徐州联东U谷产业园，总面积2000余平方，新大楼集研发、生产、仓储于一体，年产不低于50万套。公司现拥有研发工程师10余人，涵盖外观设计，结构设计，软件编程，电子硬件设计等，可以做到全流程自主研发。

主营产品：无源智能锁、电力无源智能锁、通讯基站智能锁具、无源挂锁、NB智能光交箱锁、蓝牙挂锁、智能井盖锁、通道智能锁等全系列智能锁具。

应用领域：通讯、电力、银行、石油、铁路、物流、市政、企业等。





Xuzhou CRAT Electronic Technology Co., Ltd. was established in 2016, specializing in the research and development, manufacturing, and sales of IoT locks, providing customers with professional smart lock group management solutions.

The company is located in Xuzhou Economic and technological Development Zone, Liandong U Valley Industrial Park, with a total area of more than 2600 square meters and an annual production capacity of not less than 1 million sets.

The company now has more than 30 R & D engineers, covering industrial design, structural design, application software design, embedded software and hardware design, etc., can achieve independent research and development of the whole process. The company supports OEM, ODM and other forms of cooperation, support custom development.

Application fields: communication, power, finance, oil/petrochemical, railway, logistics, municipal,



Main products: passive intelligent lock series, Internet of Things lock series, intelligent manhole cover series, Internet of Things lock management system, all products have passed the Ministry of Public Security type inspection.



荣誉资质 | QUALIFICATION HONOR

公司在2019年荣获“高新技术企业”，并通过GB/T19001-2016/ISO9001:2015质量、环境、职业健康安全三大管理体系认证。同时，我司获得多项3A级企业认证。在智能井盖领域，荣获“十强企业”称号。

CRAT won the "high-tech enterprise" in 2019, and passed the GB/T19001-2016/ISO9001:2015 quality, environment, occupational health and safety three management system certification. At the same time, our company has obtained a number of 3A enterprise certification. In the field of intelligent manhole cover, won the title of "Top Ten enterprises".



高新技术企业
National High-tech Company



GB/T19001-2016/ISO9001:2015
Quality Management System
Certification



GB/T19001-2016/ISO9001:2015
Environmental management system
certification



GB/T19001-2016/ISO9001:2015
occupational health and safety
management system certification.



AAA级重服务守信用
AAA valuing service and keeping
promise



AAA级重质量守信用
AAA valuing quality and keeping
promise



AAA级质量服务诚信
AAA Quality Service
Integrity



AAA级重合同守信用
AAA re-contract and trustworthy
enterprise



AAA级诚信经营示范
AAA operate with sincerity and
honesty unite



AAA资信等级
AAA grade credit enterprise



智能井盖十强企业
Top 10 brands in intelligent
manhole cover



智能井盖电子锁十强企业
Top 10 brands in intelligent
manhole cover electronic lock



AAA级企业信用
AAA credit enterprise

专利证书 ■ PATENT

公司拥有发明专利、软件著作权、实用新型专利、外观专利等80余项，位于行业前列

CRAT has more than 80 invention patents, software Copyrights, utility model patents, appearance patents, etc., which is in the forefront of the industry.



合作 发展 | PARTNERS DEVELOPMENT



10万 套

年产出出货量达10万套
Annual shipments of
100000 sets

2017~2019

荣获国家级“高新技术企业认证”
Won the national "High-tech
Enterprise" certification
获得中国铁塔当年40%订单
Won 40% of China Tower orders
that year
江苏电力市场占有率达到95%
Jiangsu power market share

30万 套

年产出出货量达30万套
Annual shipments of
300000 sets

2020~2022

电力井盖十强企业
Top ten enterprises of electric manhole cover
获得中国铁塔当年80%订单
Won 80% of China Tower orders that year
智能井盖产品服务背景冬奥会
(北京国网)
Intelligent manhole cover products Service
Beijing Winter Olympics

.....

.....

50万 套

年产出出货量达50万套
Annual shipments of
500000 sets

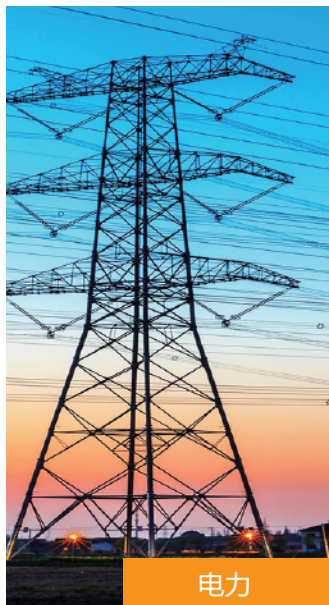
2023

《智慧城市 智慧井盖服务功能与
运营管理规范》主要起草单位
The main drafting unit of "Smart City - Smart Manhole
Cover Service Function and Operation Management
Specification".
参与完善中国铁塔《基站智能门
锁技术要求及检测规范》并提供
技术支持
Participated in improving the "Technical Requirements and
Testing Specifications for Intelligent Door Locks of Base
Stations" of China Tower and provided technical support.

.....

.....

应用 领域 | APPLICATION SCENARIOS



电力



通讯



金融



石油/石化



铁路

公司自主研发的智能锁具+智能锁控系统，相较于传统锁具，融入物联网概念，在智能、便捷、安全等方面均有巨大提升，广泛应用于电力、通讯、金融、石油/石化、铁路、物流、市政、医疗、军队等领域

CRAT's self-developed intelligent lock + intelligent lock control system integrates the concept of the Internet of Things in terms of intelligence, convenience and safety compared with traditional locks. It is widely used in power, communication, finance, oil/petrochemical, railway, logistics, municipal, medical, military and other fields.



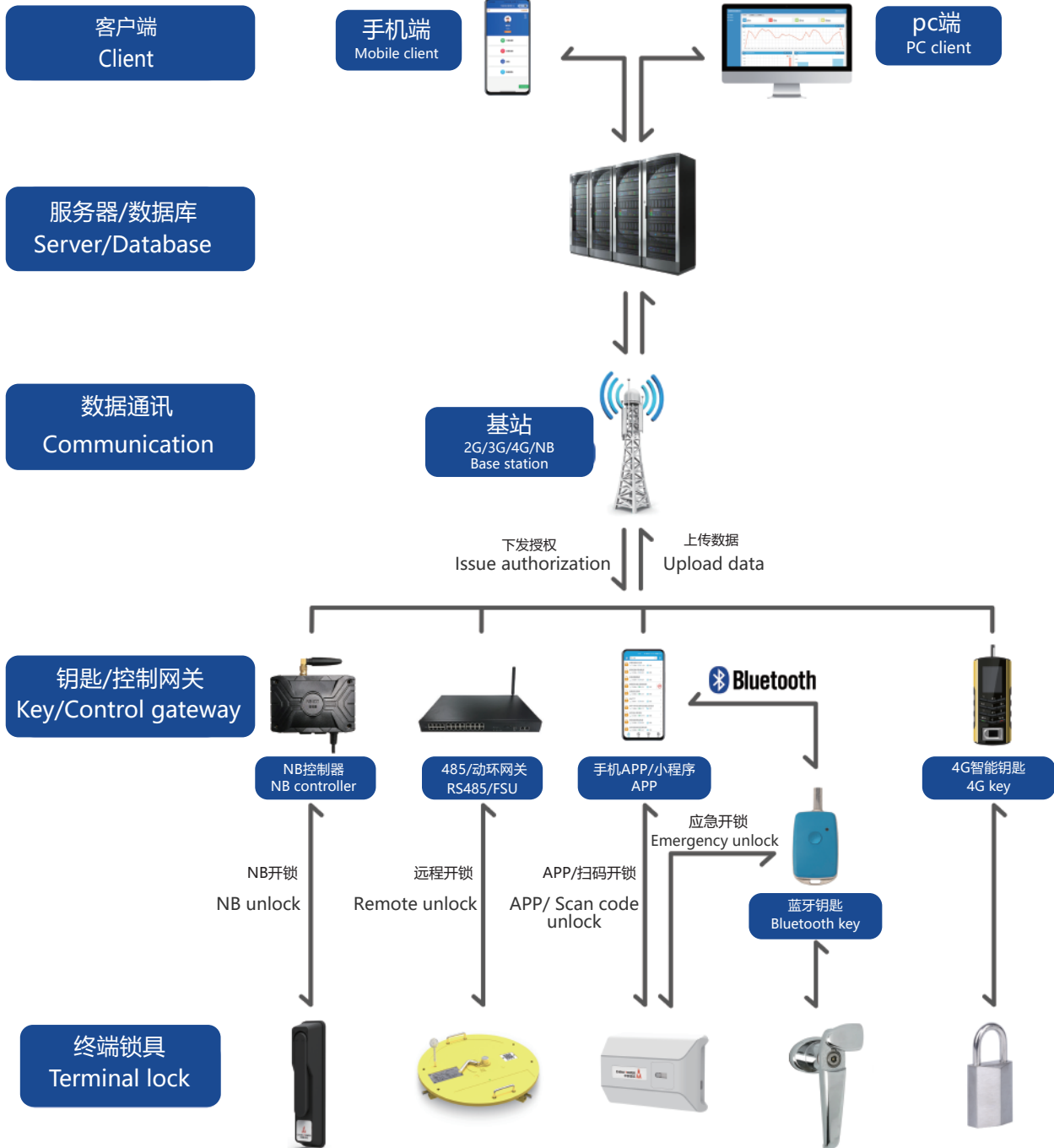
市政

MANAGEMENT SYSTEM

管理系统

便捷 CONVENIENT	安全 SECURITY	全面 COMPREHENSIVE	可扩展 EXTENSIBLE
------------------	----------------	---------------------	-------------------

支持远程管控，支持多平台操作 Support remote control Supports multi-platform operations	数据全程加密，操作流程可追溯 Full data encryption Process traceability	功能全面多样，状态流程可视化 Comprehensive and versatile State flow visualization	支持功能扩展，支持第三方平台 Support function expansion Support for third-party platforms
--	--	---	---



SOLUTION

解决方案

电力系统-局域网应用 Operator — NB Cable box



数据库
Database



局域网通讯
LAN communication

上传日志
Upload log

电脑PC终端
PC client



数据线连接钥匙
Connect the key via the data cable

分配权限
Assign authority

上传日志
Upload data

分配权限
Assign authority

上传日志
Upload data

分配权限
Assign authority

上传日志
Upload data

电子钥匙
Bluetooth key



执行任务
Perform task

读取数据
Read record

无源锁具
Passive lock



SOLUTION

解决方案

电力系统-箱变柜无人巡检 Power — Box transformer



客户端 (管理员)
Client (Administrator)

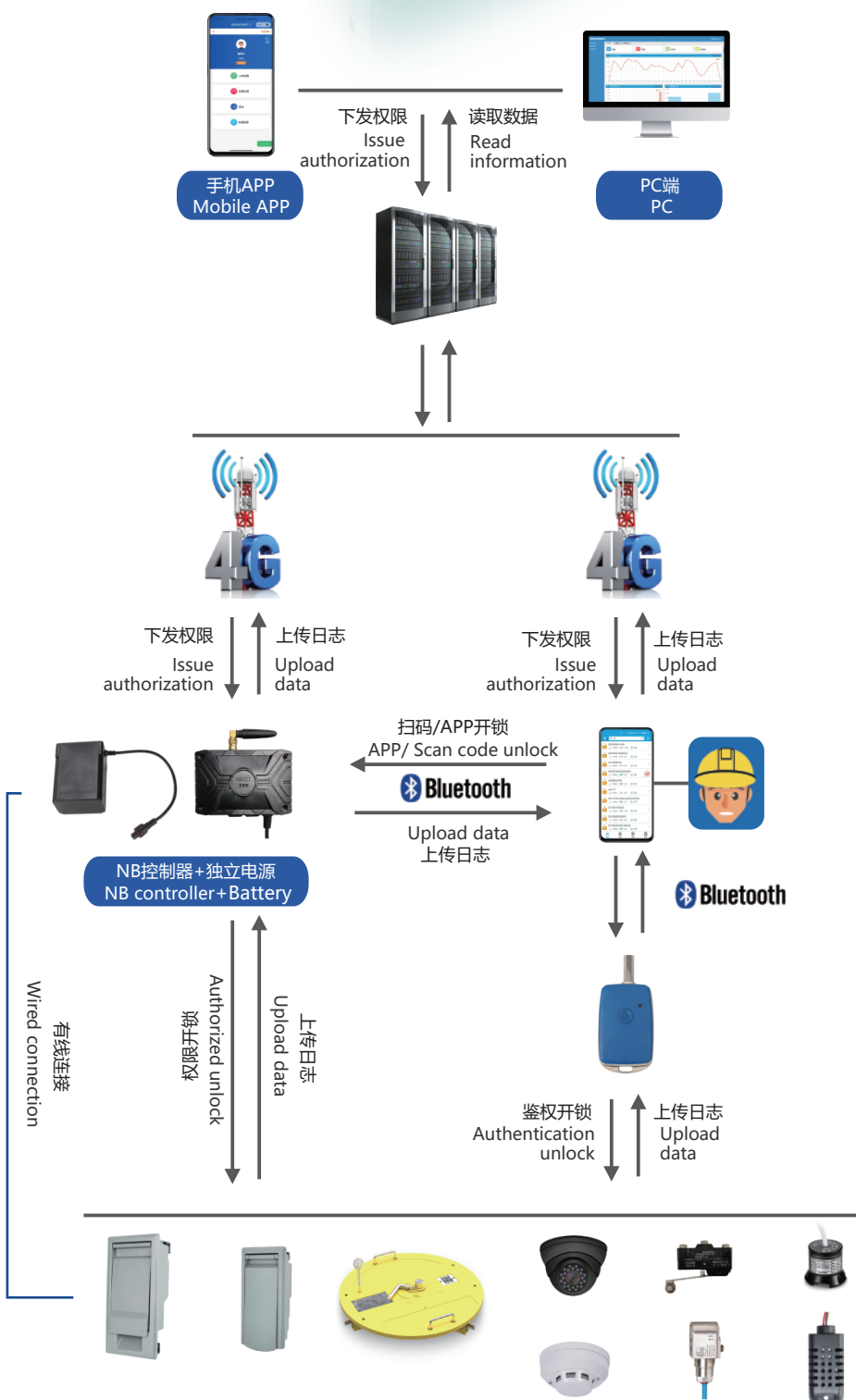
数据库/服务器
Server/Database

通讯基站
Communication
base station

手机/NB控制器
NB controller/APP

钥匙 (绑定手机)
Bluetooth Key

设备终端
Equipment
terminal



SOLUTION

解决方案

运营商 — NB光交箱锁

Operator — NB Cable box

客户端 (管理员)
Client (Administrator)

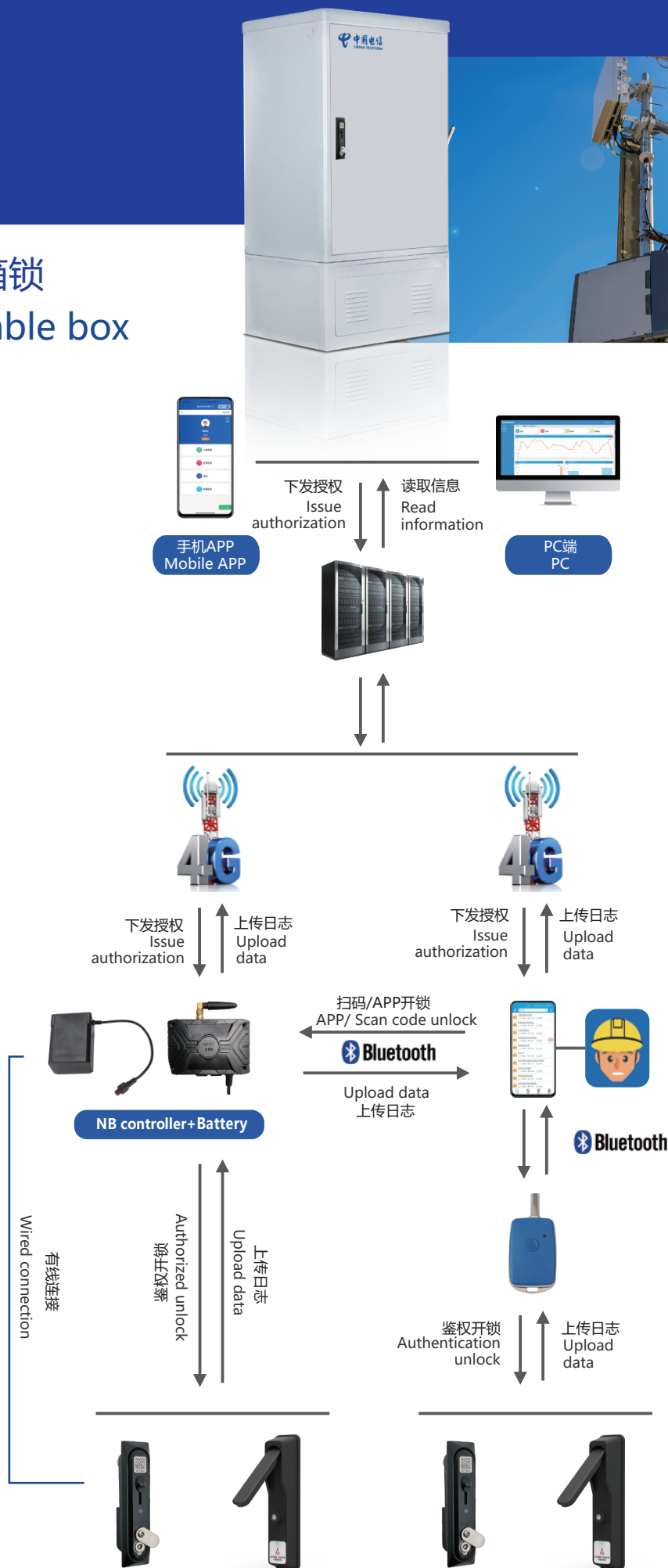
数据库/服务器
Server/Database

通讯基站
Communication
base station

手机/NB控制器
NB controller/APP

钥匙 (绑定手机)
Bluetooth Key

光交箱所
Equipment terminal

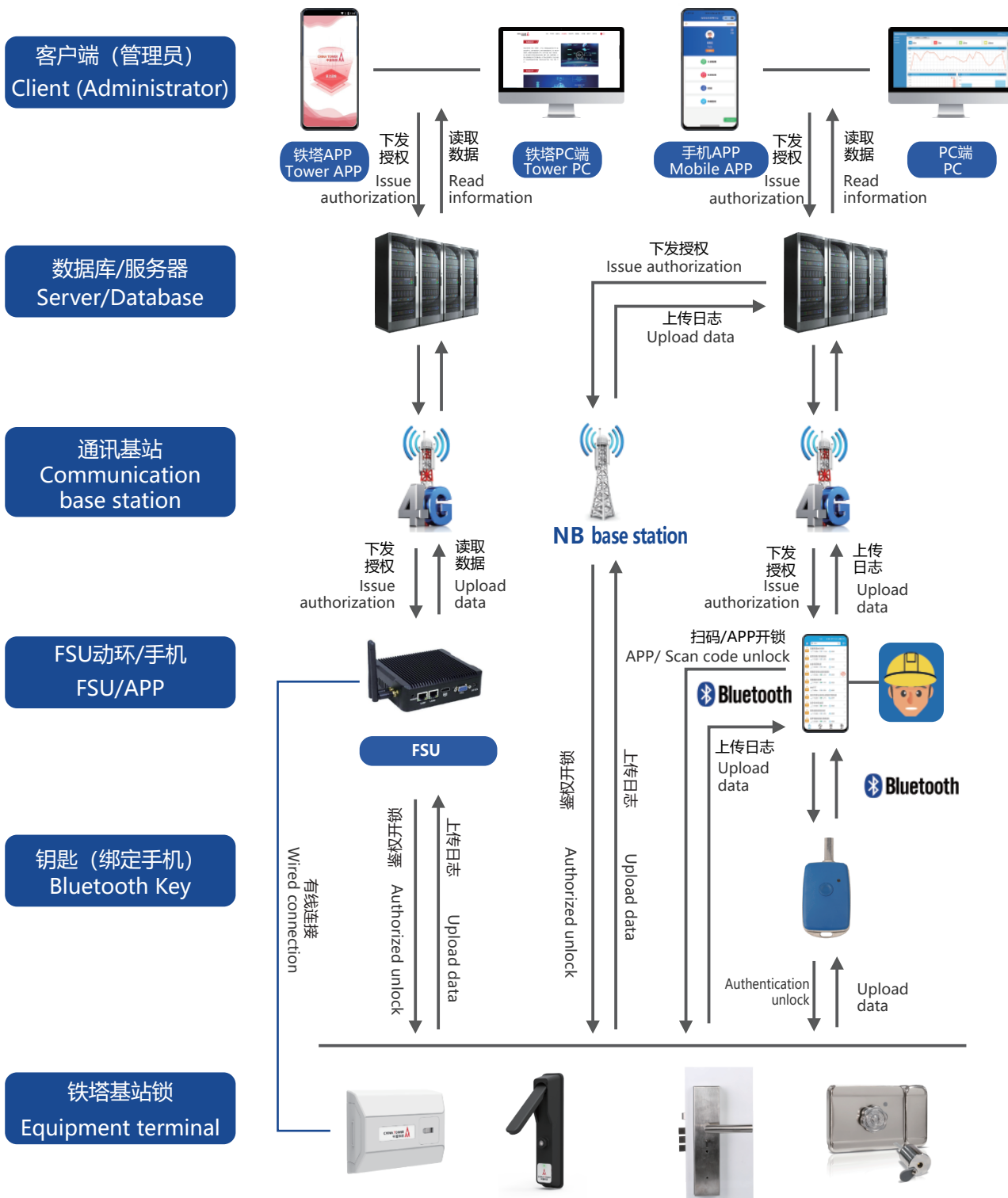


SOLUTION

解决方案

中国铁塔 — 铁塔基站

China Tower — Base station

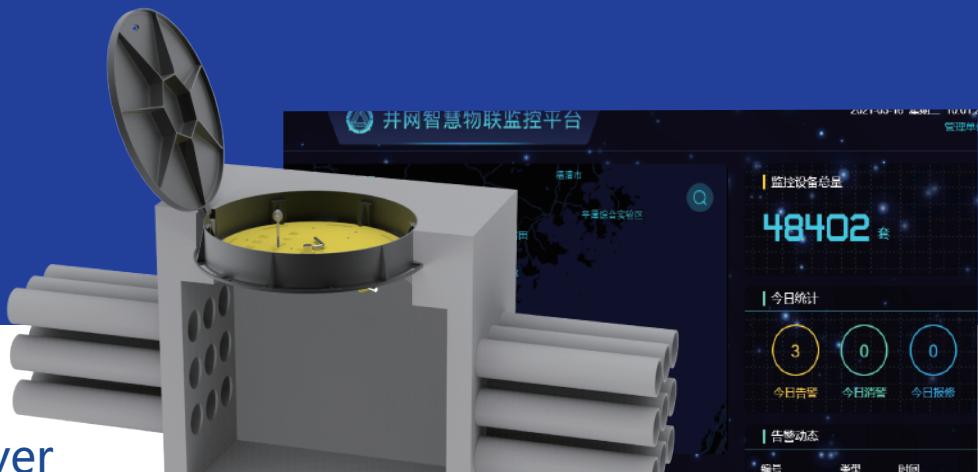


SOLUTION

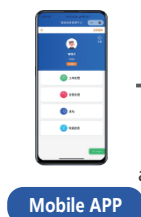
解决方案

智能井盖

Intelligent manhole cover



客户端 (管理员)
Client (Administrator)



Mobile APP

下发权限
Issue authorization

上传日志
Read information



PC

数据库/服务器
Server/Database



通讯基站
Communication base station



手机 (绑定人员)
APP

扫码/APP开锁
APP/ Scan code unlock

上传日志
Upload data

Bluetooth

下发权限
Issue authorization

上传日志
Read information



Bluetooth

钥匙 (绑定手机)
Bluetooth Key



Wireless power supply key

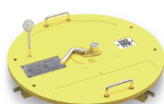
无线供电开锁
Authentication unlock

上传日志
Upload data

鉴权开锁
Authorized unlock

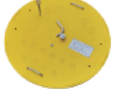
上传日志
Upload data

井盖/传感器
Equipment terminal



PRODUCT LIST

产品图谱

无源挂锁 Passive padlock	CRT-G105T	CRT-G400T	蓝牙挂锁 Bluetooth padlock	CRT-G400L	CRT-G200L	葫芦挂锁
						
基站防撬锁 Base station Anti theft lock	CRT-FQ500	空转机柜锁 Idling cabinet lock	CRT-MSJ873	CRT-MSJ874	浮装机柜锁 Floating cabinet lock	空转机柜锁 CRT-MSJ875
						
蓝牙灵性锁 Bluetooth Spiritual lock	CRT-MSL100L	CRT-CL100	蓝牙防盗门锁 Anti-theft door lock	外置门锁 External door lock	钢板门锁 Steel door lock	葫芦锁 smart cylinder
						
机柜锁 Cabinet lock	CRT-MSJ826	CRT-MSJ8696	CRT-MSJ830	CRT-MSJL845-1	CRT-MSJ845-2	CRT-MSJ845-3
						
CRT-MSJ828	CRT-MSJ869-2	CRT-MSJ739	CRT-MSJ713	CRT-MSJ731	CRT-MSJ730	CRT-MSJ603
						
箱变锁 Box transformer lock	CRT-MS888	CRT-MS887	圆柱锁 cylinder lock	CRT-Y100(M22)	CRT-Y200(M18)	
						
智能井盖锁 Intelligent manhole cover	CRT-JG600N/700N/900N	CRT-JG800FN	CRT-JG800FN-W			
						
NB控制器 NB controller	CRT-RC-100	锂亚电池组 Lithium sub-battery pack	CRT-BAT34615			
						
防盗门锁芯 Anti-theft door lock core	CRT-H100	防火门锁芯 Fire door lock core	CRT-F100	把手锁 handle lock	CRT-B100	
						
智能钥匙 Intelligent key	CRT-K100L	CRT-K102L	CRT-K104-4G	CRT-K106L	CRT-K108L-W	
						

CRT-G105T 菱形跳梁挂锁

CRT-G105T Passive Padlock

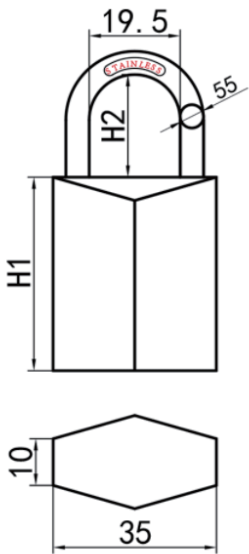


技术参数 Technical parameter

锁体主材 Lock body material	304不锈钢 304Stainless steel
锁芯主材 Lock core material	304不锈钢 304Stainless steel
工作电压 Operating voltage	3V-5.5VDC 3V-5.5VDC
工作温度 Operating environment	-40°C~80°C -40~80°C
工作湿度 Operating environment	20%-98%RH 20%-98%RH
开关次数 Switching life	30万次 300000 times
可存储日志 Storage capacity	22条 (开锁、关锁、巡更等) 22pcs (lock/unlock/patrol)
防护等级 Protection level	IP67 IP67
锁芯样式 Lock core style	电子锁芯 (360°空转, 防暴力开启) Hexagon Hole 360°idling preventing violent unlock
安全技术 Technology	数字编码技术及加密通信技术 Adopting digital encoding technology and encrypted communication technology
互开率 Mutual unlock	128位数编码, 互开率为零 128digit encoding with zero mutual unlock
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重(KG)+包装尺寸(mm) NW(KG)/UBS(mm)	0.14KG+85*43*18(带硅胶套)/72*38*22 (不带硅胶套) 0.14KG+85*43*18 (With silicone case) /72*38*22 (Without silicone case)

结构尺寸

Structure size



应用场景 application

通讯、电力、银行、石油、铁路、市政、物流等大量用锁管理的地方。

Communication, electricity, banking, oil, railway, municipal, logistics and other places with a large number of locks management.

CRT-G系列 跳梁/记录挂锁

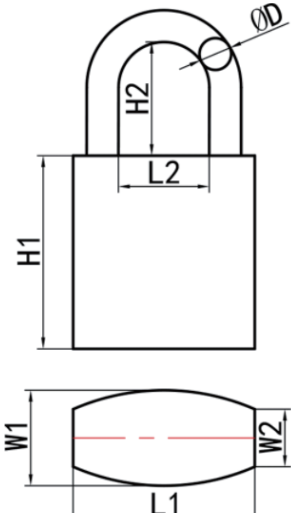
CRT-G Series Passive Padlock



技术参数 Technical parameter

锁体主材 Lock body material	304不锈钢 304Stainless steel
锁芯主材 Lock core material	304不锈钢 304Stainless steel
工作电压 Operating voltage	3V-5.5VDC 3V-5.5VDC
工作温度 Operating environment	-40℃~80℃ -40~80℃
工作湿度 Operating environment	20%-98%RH 20%-98%RH
开关次数 Switching life	30万次 300000 times
可存储日志 Storage capacity	22条 (开锁、关锁、巡更等) 22pcs (lock/unlock/patrol)
防护等级 Protection level	IP67 IP67
锁芯功能 Lock core style	跳梁: 360°空转, 记录: 记录开关锁操作 Skip beam: 360°idle, Record lock/unlock
安全技术 Technology	数字编码技术及加密通信技术 Adopting digital encoding technology and encrypted communication technology
互开率 Mutual unlock	128位数编码, 互开率为零 128digit encoding with zero mutual unlock
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking

结构尺寸 Structure size



选型对照表 Selection table

NO.	型号 Model	名称 Name	L1	L2	W1	W2	H1	H2	D
1	CRT-G100T	33跳梁挂锁 33 Skip beam	33	19.5	18.5	10	41.5	20.5	4.5
2	CRT-G200T	40跳梁挂锁 40 Skip beam	40	20	21	12.7	44	25	7
3	CRT-G200	40记录挂锁 40 Record	40	20	21	12.7	42.5	25	7
4	CRT-G300T	50跳梁挂锁 50 Skip beam	50	25	22	12.8	46.5	25	9
5	CRT-G300	50记录挂锁 50 Record	50	23	22	12.8	44	23	9
6	CRT-G400T	60跳梁挂锁 60 Skip beam	60	31	23	14.2	50	32	10
7	CRT-G400	60记录挂锁 60 Record	60	29	23	14.2	48	32	10

应用场景 Application

通讯、电力、银行、石油、铁路、市政、物流等大量用锁管理的地方。

Communication, electricity, banking, oil, railway, municipal, logistics and other places with a large number of locks management.

CRT-G400L-60蓝牙挂锁

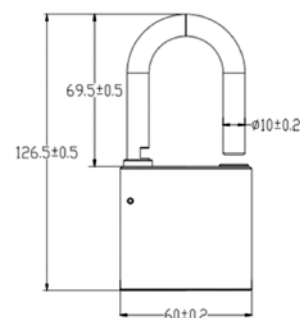
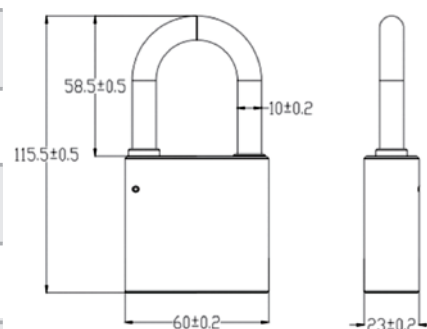
CRT-G400L-60 Bluetooth Padlock



技术参数 Technical parameter

锁体主材 Lock body material	304不锈钢, 表面拉丝 304Stainless steel, Surface drawing
工作电压 Operating voltage	3V-5.5VDC 3V-5.5VDC
工作温度 Operating environment	-30°C~80°C -30°C~80°C
工作湿度 Switching life	20%~98%RH 20%-98%RH
开关次数 Storage capacity	10万次 100000 times
可存储日志 Protection level	22条 (开锁、关锁、巡更等) 22pcs (lock/unlock/patrol)
防护等级 Technology	IP67 IP67
安全技术 Mutual unlock	数字编码技术及加密通讯技术 Adopting digital encoding technology and encrypted communication technology
互开率 Battery capacity	128位数编码, 互开率为零 128digit encoding with zero mutual unlock
电池容量 Battery life	700mAh (可充电) / 1200mAh (不可充电) 700mAh(rechargeable) / 1200mAh(not rechargeable)
续航时间 Communication	> 2年 > 2 years
信号传输 Unlocking mode	蓝牙4.0 Bluetooth 4.0
开锁方式 Unlocking mode	蓝牙开锁, 电子钥匙应急开锁 Bluetooth unlock, electronic key emergency unlock
净重 (KG) + 包装尺寸(mm) NW(KG)+UBS(mm)	0.33kg+120*30*66(普盒) 0.33kg+120*30*66 (Ordinary box)

结构尺寸 Structure size



应用场景 Application

通讯、电力、银行、石油、铁路、市政、物流等大量用锁管理的地方。

Communication, electricity, banking, oil, railway, municipal, logistics and other places with a large number of locks management.

CRT-G200L-40蓝牙挂锁

CRT-G200L-40 Bluetooth Padlock



技术参数 Technical parameter

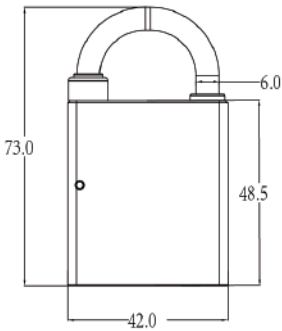
锁体/锁梁主体 Lock body material	304不锈钢, 304Stainless steel, Surface drawing
工作电压 Operating voltage	3V-5.5VDC 3V-5.5VDC
工作温度 Operating environment	-30℃~80℃ -30℃~80℃
工作湿度 Operating environment	20%~98%RH 20%-98%RH
开关次数 Switching life	10万次 100000 times
防护等级 Storage capacity	IP67 IP67
接口样式 Protection level	Type-C(电池没电, 可接外供电蓝牙开锁) (External power supply Bluetooth unlocking)
安全技术 Technology	数字编码技术及加密通讯技术 Adopting digital encoding technology and encrypted communication technology
互开率 Mutual unlock	128位数编码, 互开率为零 128digit encoding with zero mutual unlock
电池容量 Battery capacity	700mAh (可充电) /1200mAh (不可充电) 700mAh(rechargeable) / 1200mAh(not rechargeable)
续航时间 Battery life	> 2年 > 2 years
信号传输 Communication	蓝牙4.0 Bluetooth 4.0
开锁方式 Unlocking mode	蓝牙开锁 (手机APP/扫码开锁) Bluetooth unlock, electronic key emergency unlock
净重 (KG) +包装尺寸(mm) NW(KG)+UBS(mm)	0.11kg+75*40*22 (mm) 0.11kg+75*40*22 (mm)

应用场景 Application

通讯、电力、银行、石油、铁路、市政、物流等大量用锁管理的地方。

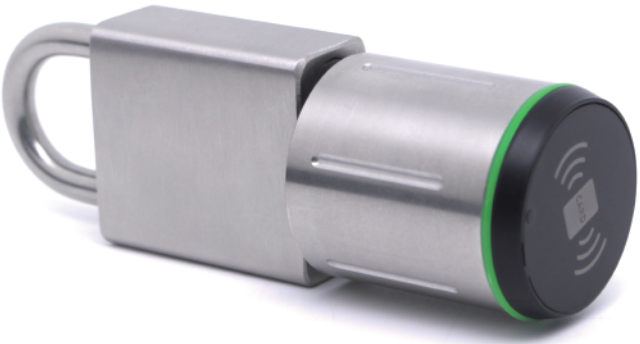
Communication, electricity, banking, oil, railway, municipal, logistics and other places with a large number of locks management.

结构尺寸 Structure size



葫芦挂锁

Bluetooth Padlock



技术参数 Technical parameter

锁体材质 Lock material	304不锈钢, 304Stainless steel, Surface drawing
工作电压 Operating voltage	3V-5.5VDC 3V-5.5VDC
工作温度 Operating environment	-30℃~80℃ -30℃~80℃
工作湿度 Operating environment	20%~98%RH 20%~98%RH
开关次数 Switching life	10万次 100000 times
防护等级 Storage capacity	IP67 IP67
安全技术 Technology	数字编码技术及加密通讯技术 Adopting digital encoding technology and encrypted communication technology
互开率 Mutual unlock	128位数编码, 互开率为零 128digit encoding with zero mutual unlock
电池容量 Battery capacity	700mAh (可充电) /1200mAh (不可充电) 700mAh(rechargeable) / 1200mAh(not rechargeable)
续航时间 Battery life	> 2年 > 2 years
信号传输 Communication	蓝牙4.0 Bluetooth 4.0
开锁方式 Unlocking mode	蓝牙开锁、刷卡、机械钥匙 Bluetooth unlock、Swipe cards、keys

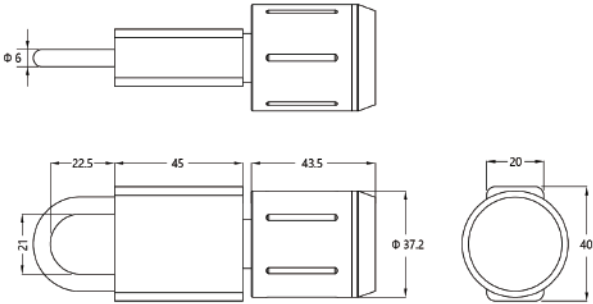
应用场景

Application

通讯、电力、银行、石油、铁路、市政、物流等大量用锁管理的地方。

Communication, electricity, banking, oil, railway, municipal, logistics and other places with a large number of locks management.

结构尺寸 Structure size



CRT-MSJ869-2机柜锁

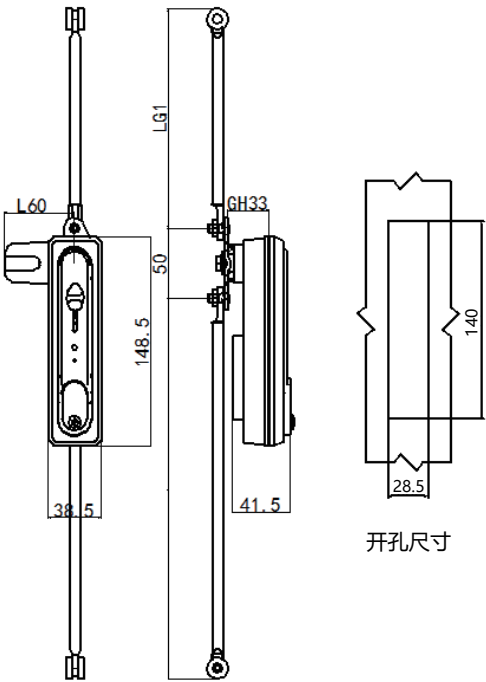
CRT-MSJ869-2C Cabinet lock



技术参数 Technical parameter

锁体主材 Lock body material	环保4#锌合金 Eco-friendly 4# zinc alloy
锁芯主材 Lock core material	304不锈钢 304SUS
开门方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
扭力 Handle torque	≥46NM ≥46Nm
工作电压 Operating voltage	12VDC 12VDC
工作温度 Operating temperature	-40~80℃ -40~80℃
工作湿度 Operating humidity	20%-98%RH 20%-98%RH
开关次数 Switching life	30万次 300000 times
锁芯样式 Lock core style	电子锁芯/机械锁芯 Electronic/mechanical lock cylinder
防护等级 Protection level	IP65 IP65
开锁方式 Unlocking mode	远程开锁（需外扩）、蓝牙开锁、RS485开锁、 应急钥匙开锁 Remote unlocking (external expansion required), Bluetooth unlocking, RS485 unlocking, emergency key unlocking
净重（KG）+包装尺寸（mm） NW(KG)+UBS(mm)	0.5（KG）+200*55*55(mm) 0.5（KG）+200*55*55(mm)

结构尺寸
Structure size



应用场景 Application

光交箱、充电桩、保护柜
开关柜、自动化及通信
机柜、档案柜、文件柜
等。

Cable box, charging pile, protection
cabinet, switch cabinet, automation and
communication cabinet, filing cabinet, file
cabinet, etc.

CRT-MSJ8696机柜锁

CRT-MSJ8696W Cabinet lock



技术参数 Technical parameter

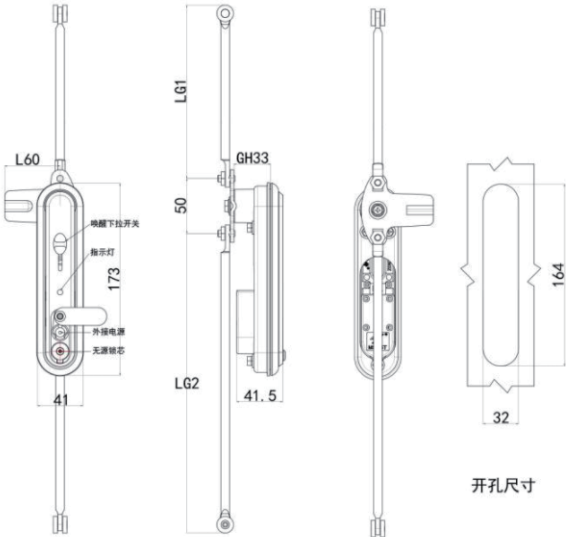
锁体主材 Lock body material	环保4#锌合金 Eco-friendly 4# zinc alloy
锁芯主材 Lock core material	304不锈钢 304SUS
开门方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
扭力 Handle torque	≥46NM ≥46Nm
工作电压 Operating voltage	12VDC 12VDC
工作温度 Operating temperature	-40~80℃ -40~80℃
工作湿度 Operating humidity	20%-98%RH 20%-98%RH
开关次数 Switching life	30万次 300000 times
锁芯样式 Lock core style	电子锁芯/机械锁芯 Electronic/mechanical lock cylinder
防护等级 Protection level	IP65 IP65
开锁方式 Unlocking mode	远程开锁（需外扩）、蓝牙开锁、RS485开锁、 应急钥匙开锁 Remote unlocking (external expansion required), Bluetooth unlocking, RS485 unlocking, emergency key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.55 (KG) +200*55*55(mm) 0.55 (KG) +200*55*55(mm)

应用场景 Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、档案柜、文件柜等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

结构尺寸 Structuresize



无源智能机柜锁

Passive Cabinet lock

CRT-MSJ826 无源机柜锁

CRT-MSJ826 Passive Cabinet lock



技术参数

Technical parameter

工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（六角孔） Electronic lock cylinder
开关方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重（KG）+包装尺寸（mm） NW(KG)+UBS(mm)	0.6（KG）+200*55*55（mm） 0.6（KG）+200*55*55（mm）

应用场景

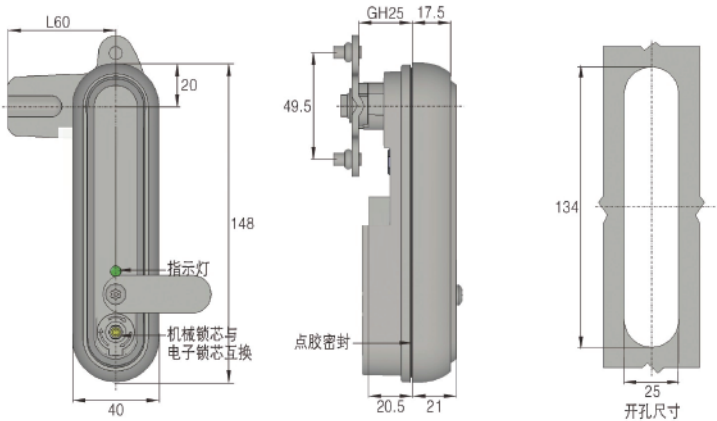
Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

结构尺寸

Structure size



无源智能机柜锁

Passive Cabinet lock

CRT-MSJ828 无源机柜锁

CRT-MSJ828 Passive Cabinet lock



技术参数

Technical parameter

工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（六角孔） Electronic lock cylinder
开关方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.6 (KG) +323*60*42 (mm) 0.6 (KG) +323*60*42 (mm)

应用场景

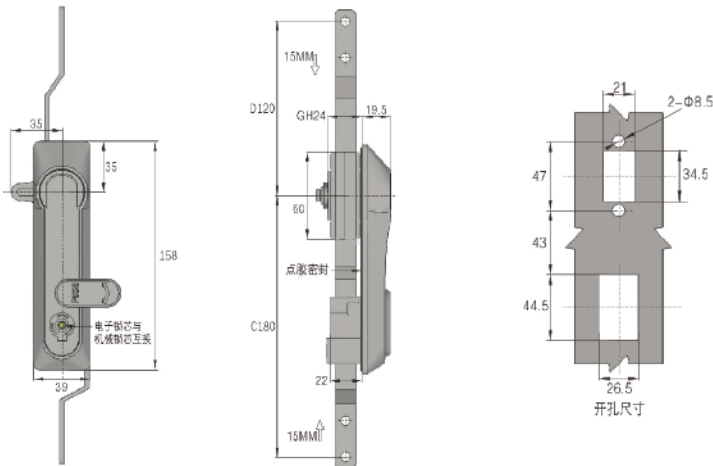
Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

结构尺寸

Structure size



无源智能机柜锁

Passive Cabinet lock

CRT-MSJ845-1 无源机柜锁

CRT-MSJ845-1 Passive Cabinet lock



技术参数 Technical parameter

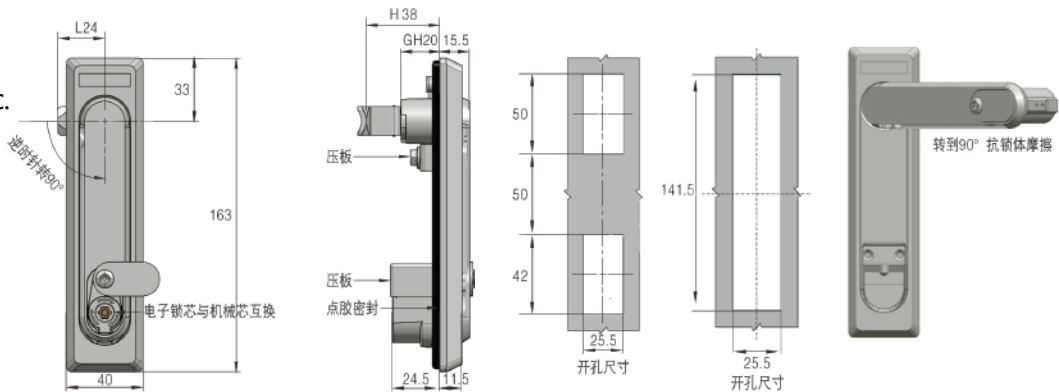
工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（六角孔） Electronic lock cylinder
开关方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.64 (KG) +190*70*67(mm) 0.64 (KG) +190*70*67(mm)

应用场景 Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

结构尺寸 Structure size



无源智能机柜锁

Passive Cabinet lock

CRT-MSJ845-2 无源机柜锁

CRT-MSJ845-2 Passive Cabinet lock



技术参数

Technical parameter

工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（六角孔） Electronic lock cylinder
开关方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.64 (KG) +190*70*67(mm) 0.64 (KG) +190*70*67(mm)

应用场景

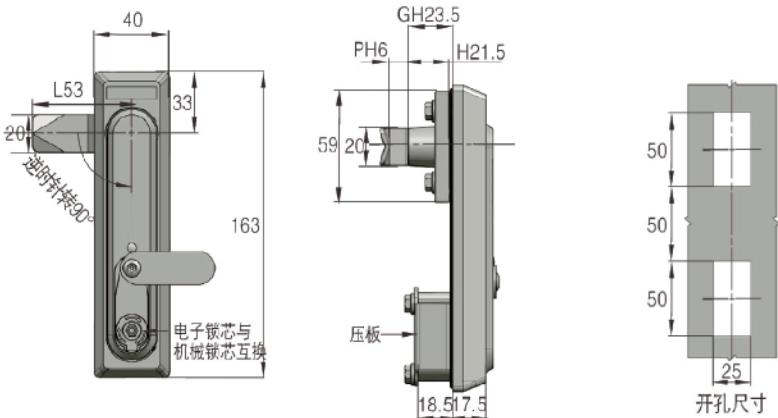
Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

结构尺寸

Structure size



无源智能机柜锁

Passive Cabinet lock

CRT-MSJ845-3 无源机柜锁

CRT-MSJ845-3 Passive Cabinet lock



技术参数

Technical parameter

工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（六角孔） Electronic lock cylinder
开关方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.76 (KG) + 323*60*42 (mm) 0.76 (KG) + 323*60*42 (mm)

应用场景

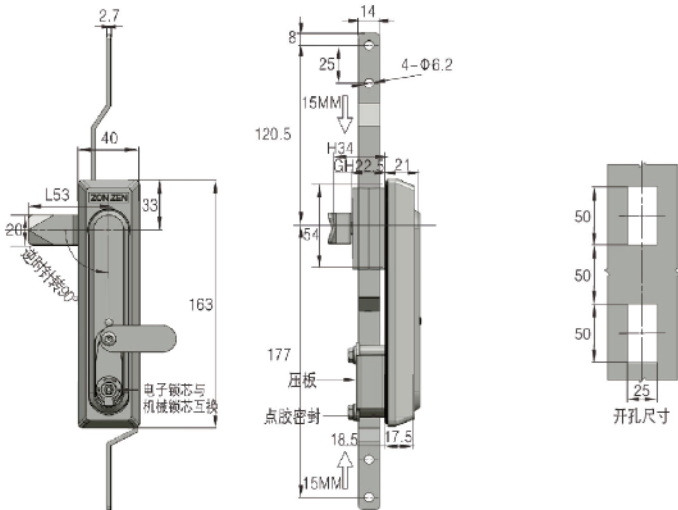
Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

结构尺寸

Structure size



无源智能机柜锁

Passive Cabinet lock

CRT-MSJ739 无源机柜锁

CRT-MSJ739 Passive Cabinet lock



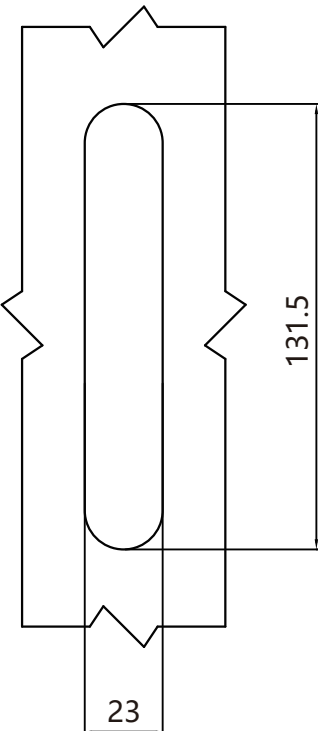
技术参数

Technical parameter

工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（六角孔） Electronic lock cylinder
开关方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.45 (KG) +160*50*34 (mm) 0.45 (KG) +160*50*34 (mm)

结构尺寸

Structure size



应用场景

Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

无源智能机柜锁

CRT-MSJ830无源机柜锁



应用场景 Application

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

无源智能机柜锁

Passive Cabinet lock

CRT-MSJ713 无源机柜锁

CRT-MSJ713 Passive Cabinet lock



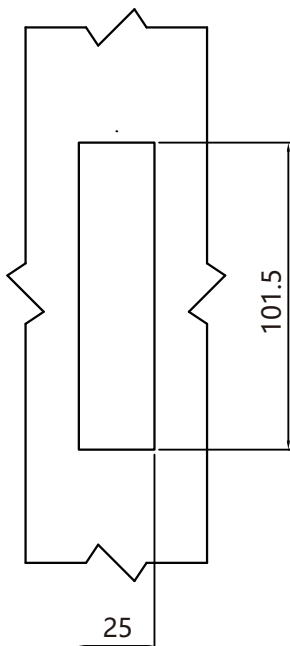
技术参数

Technical parameter

工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（六角孔） Electronic lock cylinder
开关方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.47 (KG) +150*65*72 (mm) 0.47 (KG) +150*65*72 (mm)

结构尺寸

Structure size



应用场景

Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

无源智能机柜锁

Passive Cabinet lock

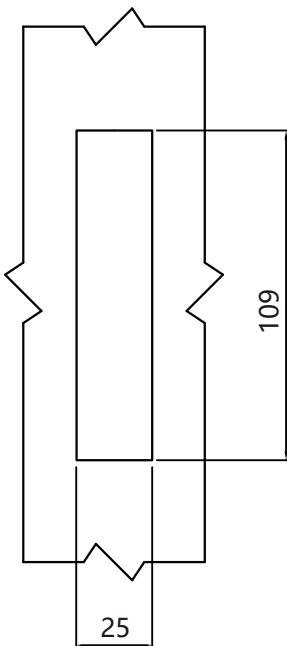
CRT-MSJ731 无源机柜锁

CRT-MSJ731 Passive Cabinet lock



结构尺寸

Structure size



技术参数

Technical parameter

工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（六角孔） Electronic lock cylinder
开关方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.42 (KG) +150*65*72(mm) 0.42 (KG) +150*65*72(mm)

应用场景

Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

无源智能机柜锁

Passive Cabinet lock

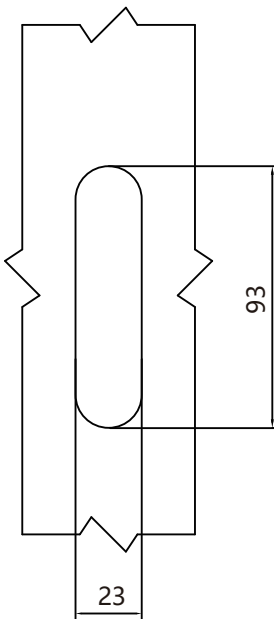
CRT-MSJ730 无源机柜锁

CRT-MSJ730 Passive Cabinet lock



结构尺寸

Structure size



技术参数

Technical parameter

工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（六角孔） Electronic lock cylinder
开关方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重（KG）+包装尺寸（mm） NW(KG)+UBS(mm)	0.31（KG）+130*88*42(mm) 0.31（KG）+130*88*42(mm)

应用场景

Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

无源智能机柜锁

Passive Cabinet lock

CRT-MSJ603 无源机柜锁

CRT-MSJ603 Passive Cabinet lock



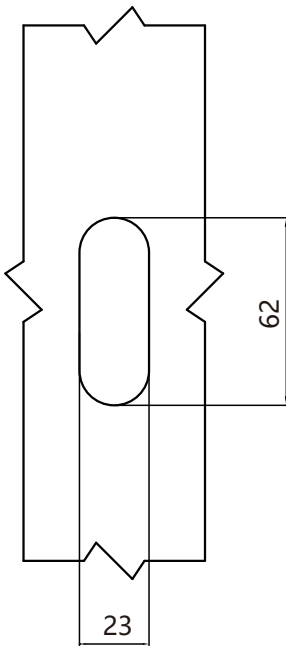
技术参数

Technical parameter

工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（六角孔） Electronic lock cylinder
开关方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.3 (KG) +130*88*42(mm) 0.3 (KG) +130*88*42(mm)

结构尺寸

Structure size



应用场景

Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

无源智能机柜锁

Passive Cabinet lock

CRT-MSJ773 无源机柜锁

CRT-MSJ773 Passive Cabinet lock



技术参数 Technical parameter

工作电压 Operating voltage	3V-5.5VDC(电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金+工程塑料 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯（带防尘盖） Electronic lock cylinder(with dust cover)
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key authorizes unlocking
安装方式 Unlocking mode	悬浮式安装、兼容多种天地杆、适配性好 Floating type, compatible with a variety of connecting rods

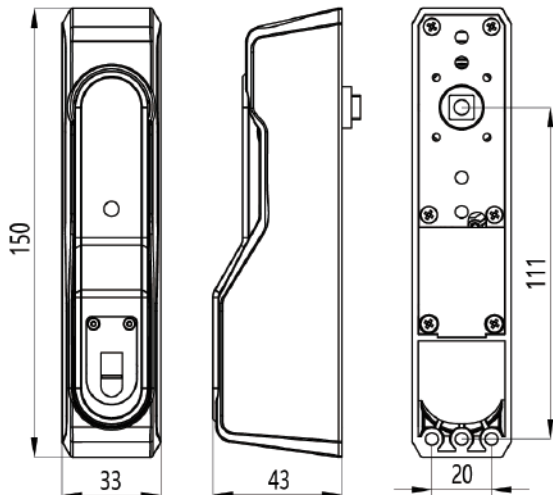
应用场景 Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

结构尺寸 Structure size

开孔尺寸可替换90%机柜锁
The cut-out size replaces
90% of cabinet locks



铁塔基站机柜锁

Tower base station cabinet lock

CRT-MSJ873 空转机柜锁（浮装式）

CRT-MSJ873 Idle cabinet lock(float type)



技术参数

Technical parameter

工作电压 Operating voltage	12VDC 12VDC
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金+铝合金 zinc alloy+aluminum alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯,隐藏式 Electronic lock cylinder, hidden
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥10万次 ≥100000 times
防护等级 Protection level	IP65 IP65
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
功能特点 Functional features	360°空转手柄, 悬浮式安装 360°iding handle,floating mounting
安装方式 Unlocking mode	远程开锁、蓝牙开锁、电子钥匙开锁 Remote unlocking, Bluetooth unlocking, electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.74 (KG) +225*85*65(mm) 0.74 (KG) +225*85*65(mm)

应用场景

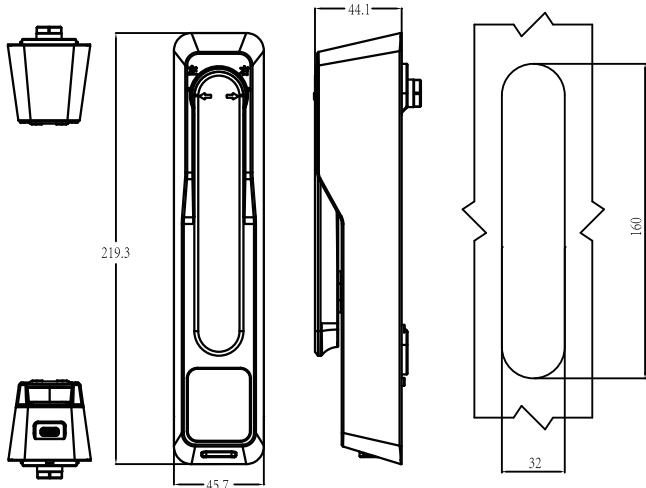
Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

结构尺寸

Structure size



接线说明

Wiring instructions

红 Red	黑 Black	黄 Green	绿 Yellow	白 White	蓝 Blue	紫 Purple	粉 Pink
12V+	GND	DO	DO	锁舌 Cam	锁舌 Cam	485B	485A
12V+	GND	DO	DO			485B	485A

铁塔基站机柜锁

Tower base station cabinet lock

CRT-MSJ874空转机柜锁（嵌入式）

CRT-MSJ874 Idle cabinet lock(recessed)



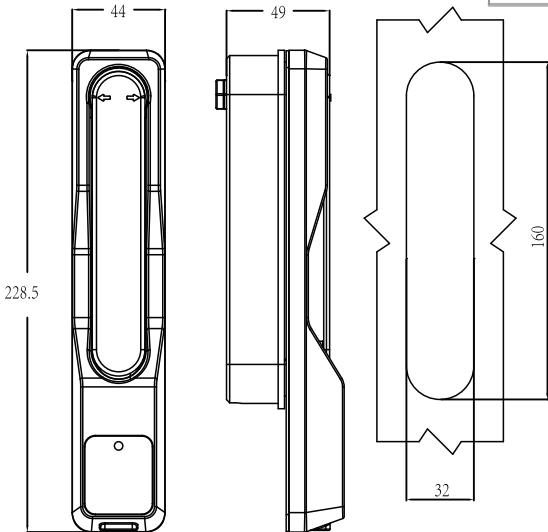
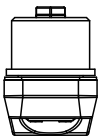
技术参数

Technical parameter

工作电压 Operating voltage	12VDC 12VDC
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金+铝合金 zinc alloy+aluminum alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯,隐藏式 Electronic lock cylinder, hidden
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥10万次 ≥100000 times
防护等级 Protection level	IP65 IP65
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
功能特点 Functional features	360°空转手柄, 嵌入式安装 360°iding handle,recessed mounting
安装方式 Unlocking mode	远程开锁、蓝牙开锁、电子钥匙开锁 Remote unlocking, Bluetooth unlocking, electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.64 (KG) +225*85*65(mm) 0.64 (KG) +225*85*65(mm)

结构尺寸

Structure size



应用场景

Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。
Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

接线说明

Wiring instructions

红 Red	黑 Black	黄 Green	绿 Yellow	白 White	蓝 Blue	紫 Purple	粉 Pink
12V+ 12V+	GND GND	DO DO	DO DO	锁舌 Cam	锁舌 Cam	485B 485B	485A 485A

CRT-MSJ875空转机柜锁（嵌入式）

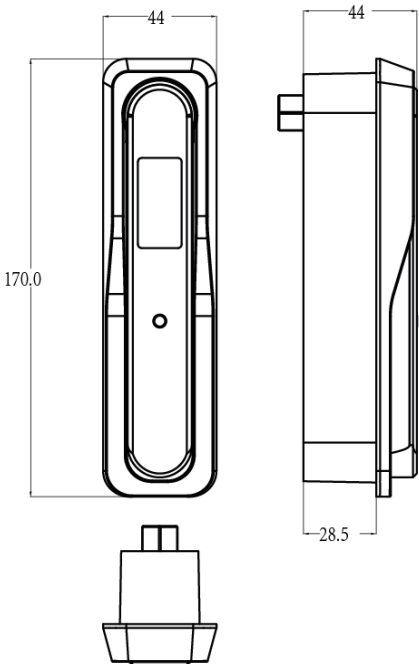
CRT-MSJ874 Idle cabinet lock(recessed)



技术参数 Technical parameter

工作电压 Operating voltage	12VDC 12VDC
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯,隐藏式 Electronic lock cylinder, hidden
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥3 00000 times
防护等级 Protection level	IP65 IP65
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
功能特点 Functional features	360°空转手柄, 嵌入式安装 360°iding handle,recessed mounting
安装方式 Unlocking mode	远程开锁、蓝牙开锁、电子钥匙开锁 Remote unlocking, Bluetooth unlocking, electronic key unlocking

结构尺寸
Structure size



应用场景 Application

光交箱、充电桩、保护柜、开关柜、自动化及通信机柜、屏柜、电控箱、档案箱等。

Cable box, charging pile, protection cabinet, switch cabinet, automation and communication cabinet, filing cabinet, file cabinet, etc.

CRT-MS888N/888N 箱变锁

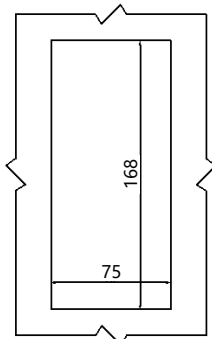
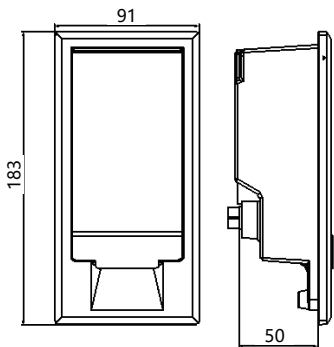
CRT-MS888/888N Box transformer lock



技术参数 Technical parameter

工作电压 Operating voltage	3V-5.5VDC (电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯, (六角孔) Electronic lock cylinder
开门方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.98 (KG) +190*90*80(mm) 0.98 (KG) +190*90*80(mm)

结构尺寸
Structure size



开孔尺寸

应用场景 Application

箱变锁、环网柜等, 可选择无源锁或配套NB控制器实现远程开锁, 远程监控等功能。

Box change cabinet, ring network cabinet, etc., can choose passive lock or matching NB controller to achieve remote unlocking, remote monitoring and other functions.

CRT-MS887/887N 箱变锁

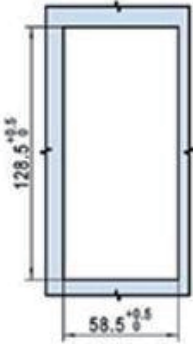
CRT-MS887/887N Box transformer lock



技术参数 Technical parameter

工作电压 Operating voltage	3V-5.5VDC (电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40°C~80°C -40°C~80°C
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯 Electronic lock cylinder
开门方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.58 (KG) +190*70*70(mm) 0.58 (KG) +190*70*70(mm)

结构尺寸 Structure size



应用场景 Application

箱变锁、环网柜等，可选择无源锁或配套 NB控制器实现远程开锁，远程监控等功能。 Box change cabinet, ring network cabinet, etc., can choose passive lock or matching NB controller to achieve remote unlocking, remote monitoring and other functions.

无源柜门锁系列 Passive cabinet door lock series

CRT-B100 把手锁

CRT-B100 handle lock



技术参数 Technical parameter

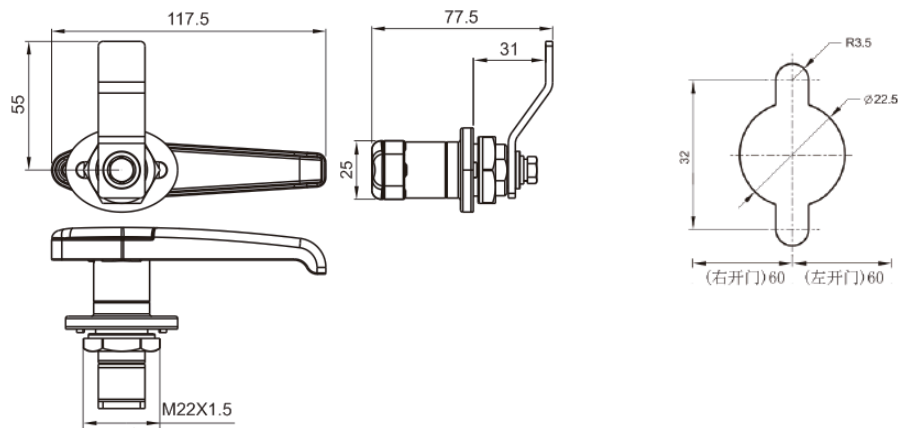
工作电压 Operating voltage	3V-5.5VDC (电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
外壳材质 Lock body material	锌合金 Eco-friendly 4# zinc alloy
锁芯材质 Lock core material	304不锈钢 304SUS
锁芯样式 Lock core style	电子锁芯, Electronic lock cylinder
开门方向 Opening direction	左/右开门可调节 Adjustable left/right door opening
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
盐雾试验 Salt spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirements
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) NW(KG)	0.98 (KG) +190*90*80(mm) 0.98 (KG) +190*90*80(mm)

应用场景 Application

保护柜、开关锁、自动化及通讯
机柜、屏柜、电控箱、档案柜、
文件柜等。

Box change cabinet, ring network
cabinet, etc., can choose passive
lock or matching NB controller to
achieve remote unlocking, remote
monitoring and other functions.

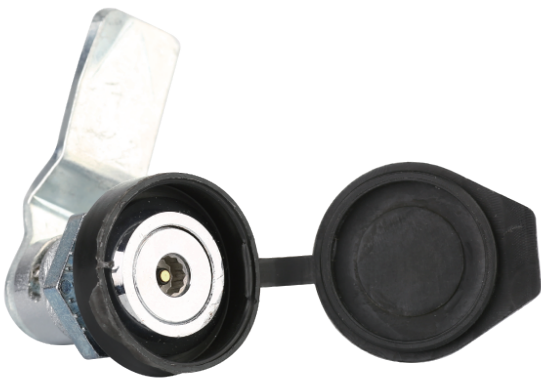
结构尺寸 Structure size



无源柜门锁系列 Passive cabinet door lock series

CRT-Y100 M22 圆柱锁

CRT-Y100 M22 Cylindrical lock



技术参数 Technical parameter

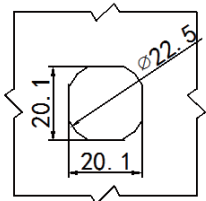
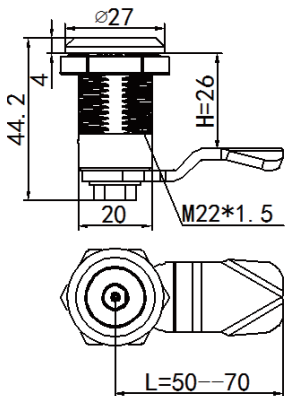
工作电压 Operating voltage	3V-5.5VDC (电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
锁芯材质 Lock core material	304SUS 304SUS
锁芯样式 Lock core style	电子锁芯, (360°空转) Electronic lock cylinder
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
安全技术 Technology	数字编码技术及加密通讯技术 Adopting digital encoding technology and encrypted communication technology
互开率 Mutual unlock	128位数编码, 互开率为零 128digit encoding with zero mutual unlock
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.1 (KG) +70*40*50(mm) 0.1 (KG) +70*40*50(mm)

应用场景 Application

保护柜、开关锁、自动化及通讯机柜、屏柜、电控箱、档案柜、文件柜等。

Box change cabinet, ring network cabinet, etc., can choose passive lock or matching NB controller to achieve remote unlocking, remote monitoring and other functions.

结构尺寸 Structure size



开孔尺寸

注：1、H可更具要求定做
2、L每间隔5mm可定做

无源柜门锁系列 Passive cabinet door lock series

CRT-Y200 M18 圆柱锁

CRT-Y200 M18 Cylindrical lock



技术参数 Technical parameter

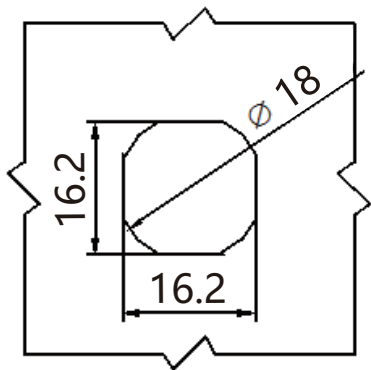
工作电压 Operating voltage	3V-5.5VDC (电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
锁体材质 Lock core material	304SUS 304SUS
锁芯样式 Lock core style	电子锁芯, (360°空转) Electronic lock cylinder
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
安全技术 Technology	数字编码技术及加密通讯技术 Adopting digital encoding technology and encrypted communication technology
互开率 Mutual unlock	128位数编码, 互开率为零 128digit encoding with zero mutual unlock
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) NW(KG))	0.13 (KG) 0.13 (KG)

应用场景 Application

保护柜、开关锁、自动化及通讯
机柜、屏柜、电控箱、档案柜、
文件柜等。

Box change cabinet, ring network
cabinet, etc., can choose passive
lock or matching NB controller to
achieve remote unlocking, remote
monitoring and other functions.

结构尺寸 Structure size



无源智能锁芯 Passive intelligent lock core

CRT-H系列 防盗门锁芯

CRT-H Series Anti-theft door lock core



技术参数 Technical parameter

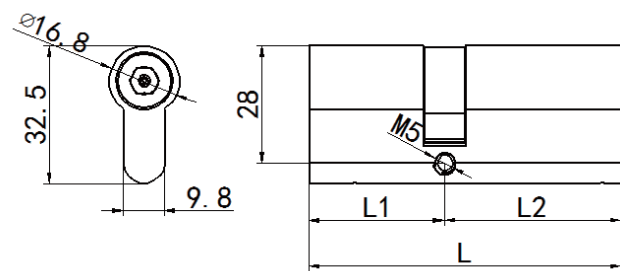
工作电压 Operating voltage	3V-5.5VDC (电子锁芯) 3V-5.5VDC (Lock core)
工作湿度 Operating temperature	20%~98%RH 20%~98%RH
工作温度 Operating humidity	-40℃~80℃ -40℃~80℃
主要材质 Lock core material	304SUS 304SUS
锁芯样式 Lock core style	电子锁芯, (360°空转) Electronic lock cylinder
可存日志 Storage capacity	22条 22pcs (lock/unlock/patrol)
开关次数 Switching life	≥30万次 ≥300000 times
防护等级 Protection level	IP68 IP68
安全技术 Technology	数字编码技术及加密通讯技术 Adopting digital encoding technology and encrypted communication technology
互开率 Mutual unlock	128位数编码, 互开率为零 128digit encoding with zero mutual unlock
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
包装尺寸 (mm) UBS(mm)	111*40*21(mm) 111*40*21(mm)

应用场景 Application

铁塔基站防盗门锁, 配电房, 高、低压室, 室内门锁等。

Tower base station anti-theft door lock, power distribution room, high and low pressure room, indoor door lock, etc.

结构尺寸 Structure size



选型对照表 Selection table

NO.	Model	Name	L1	L2	L
1	CRT-H100	75偏心葫芦锁芯 75 Eccentric hoist lock core	32.5	42.5	75
2	CRT-H200	85偏心葫芦锁芯 85 Eccentric hoist lock core	32.5	52.5	85
3	CRT-H300	90偏心葫芦锁芯 90 Eccentric hoist lock core	32.5	57.5	90
4	CRT-H400	100偏心葫芦锁芯 100 Eccentric hoist lock core	32.5	67.5	100
5	CRT-H500	110偏心葫芦锁芯 110 Eccentric hoist lock core	32.5	77.5	110

CRT-F100 防火门锁芯

CRT-F100 Fire door lock core



技术参数 Technical parameter

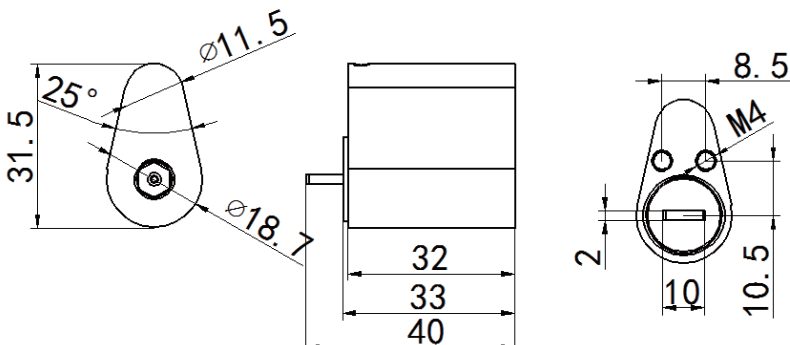
锁体主材 Lock body material	304不锈钢 304Stainless steel
工作电压 Operating voltage	3V-5.5VDC 3V-5.5VDC
工作温度 Operating environment	-40℃~80℃ -40~80℃
工作湿度 Operating environment	20%-98%RH 20%-98%RH
开关次数 Switching life	30万次 300000 times
可存储日志 Storage capacity	22条 (开锁、关锁、巡更等) 22pcs (lock/unlock/patrol)
防护等级 Protection level	IP67 IP67
锁芯样式 Lock core style	电子锁芯 (360°空转) Hexagon Hole 360°idling
安全技术 Technology	数字编码技术及加密通信技术 Adopting digital encoding technology and encrypted communication technology
互开率 Mutual unlock	128位数编码, 互开率为零 128digit encoding with zero mutual unlock
开锁方式 Unlocking mode	电子钥匙开锁 Electronic key unlocking
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.09 (KG) +55*37*20(mm) 0.09 (KG) +55*37*20(mm)

应用场景 Application

防火门, 通道门, 配电房, 高、低压室等。

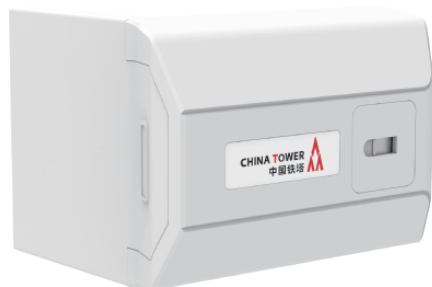
Fire door, access door, power distribution room, high & low pressure room, etc.

结构尺寸 Structure size

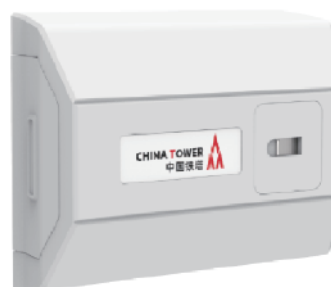


CRT-FQ500铁塔防撬锁

CRT-FQ500 Anti-skid lock



长锁扣盒
Long lock box



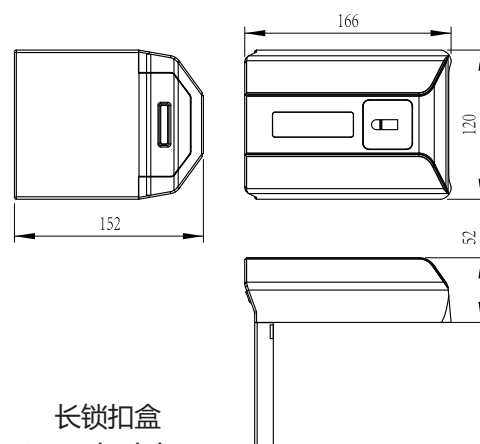
短锁扣盒
Short lock box

技术参数 Technical parameter

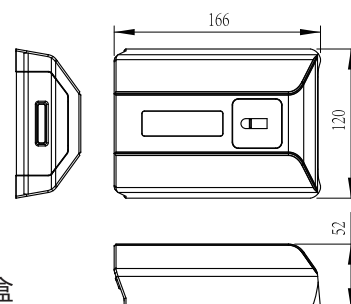
工作电压 Operating voltage	12VDC±20% 12VDC±20%
工作环境 Operating environment	20%~98%RH -40~80°C, 5%~100%RH
外壳材质 Shell material	铝合金一体成型 Aluminum alloy integrated forming
锁芯主材 Lock core material	304不锈钢 304SUS
锁芯样式 Core pattern	电子锁芯 Electronic lock cylinder (with dust cover)
锁舌规格 Latch specification	304不锈钢, 伸出长度20mm 304 stainless steel, extension length 20mm
可存日志 Storable log	22条 22 pcs
开关次数 Switching life	> 10万次 > 100000 times
结构特点 Structural characteristics	内榫卯结构、隐藏式锁孔 Inside mortise and tenon structure
通讯方式 Communication mode	RS485、FUS、蓝牙4.0、NB、4G RS485、FSU、Bluetooth4.0、NB、4G
盐雾试验 Salt spray test	符合GB/T2423要求 Meet GB/T2423 standard requirements
防护等级 Protection level	IP65 IP65
开锁方式 Unlocking mode	远程开锁, 蓝牙开锁, 电子钥匙开锁 Remote unlock, Bluetooth unlock, electronic key unlock
安装方式 Installation mode	侧门 (门式/柜式), 正装 (门式/柜式) Side mounting (door/cabinet), formal mounting (door/cabinet)
净重 (KG) + 包装尺寸 (mm) NW(KG)+UBS(mm)	1.24[s (KG)]/1.475[L(KG)]+150*145*180(mm) 1.24[s (KG)]/1.475[L(KG)]+150*145*180(mm)

结构尺寸

Structure size



长锁扣盒
Long lock box



短锁扣盒
Short lock box

应用场景 Application

适用于铁塔基站机柜, 基站站房门等
Tower base station cabinet, base station door, etc.

接线说明 Wiring instructions

红 Red	黑 Black	绿 Green	黄 Yellow	蓝 Blue	白 White	灰 Grey	粉 Pink	橘 Orange	紫 Purple
12V+ 12V+	GND GND	DO DO	DO DO	门磁 Door sensor	门磁 Door sensor	锁舌 Cam	锁舌 Cam	485B 485B	485A 485A

CRT-FQ700 智能防撬门锁

CRT-FQ700 Anti-skid lock

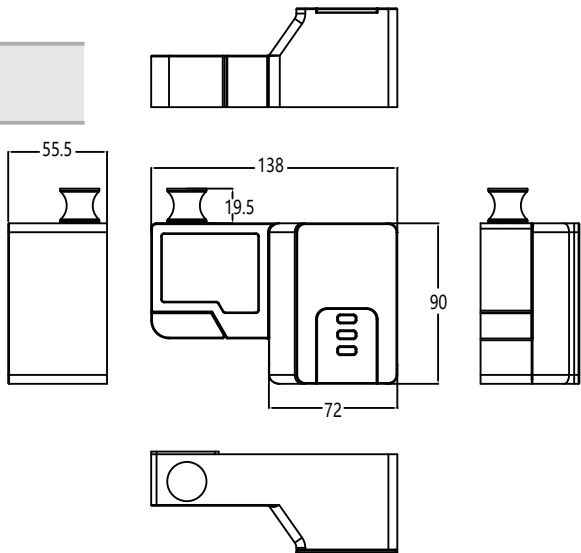


技术参数 Technical parameter

工作电压 Operating voltage	3.0~5.5VDC(锁芯) 3.0~5.5VDC (Lock core)
工作环境 Operating environment	-40~80℃, 5%~100%RH -40~80℃, 5%~100%RH
壳体主材 Shell material	304不锈钢 304 SUS
锁芯主材 Lock core material	304不锈钢 304 SUS
锁杆主材 Lock lever material	304不锈钢 304 SUS
可存日志 Storable log	22条 22 pcs
开关次数 Switching life	> 10万次 > 100000 times
功能特点 Peculiarity	锁芯双重防护, 双锁芯 Lock core double protection, double lock core
通讯方式 Communication mode	蓝牙4.0 Bluetooth 4.0
盐雾试验 Salt spray test	符合GB/T2423要求 Meet GB/T2423 standard requirements
防护等级 Protection level	IP65 IP65
开锁方式 Unlocking mode	电子钥匙开锁 electronic key unlock

结构尺寸

Structure size



应用场景 Application

适用于基站机柜, 基站房等

Base station door, power distribution room, etc.

CRT-MSF100L 蓝牙防盗门锁



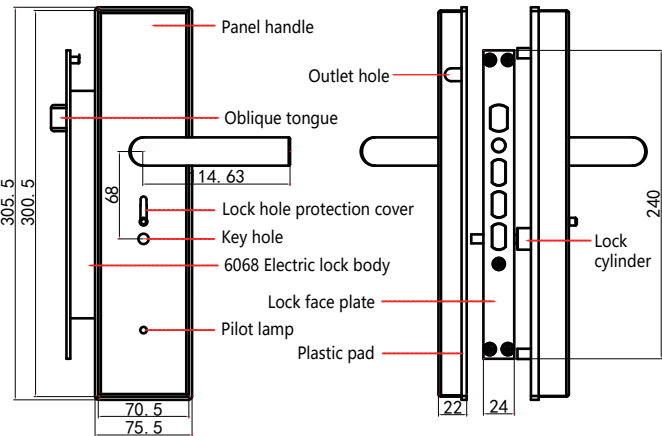
CRT-MSF100L Anti-skid lock



技术参数 Technical parameter

锁芯主材 Lock core material	304不锈钢 304 SUS
转柄扭力 Handle torque	≥46Nm ≥46Nm
整机电压 Operating voltage	12VDC 12VDC
工作温度 Operating environment	40~80℃ ,20%-98%RH -40~80℃ ,20%-98%RH
开关次数 Switching life	> 10万次 > 100000 times
可存储日志 Storable log	22条 22 pcs
锁芯防护等级 Protection level	IP67 IP67
锁芯样式 Core pattern	电子锁芯/机械锁芯 Electronic/mechanical cylinder
开锁方式 Unlocking mode	远程开锁, 钥匙开锁 Remote unlock, key unlock
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	3.334【含配件 (KG)】+360*155*95(mm) 3.334【Accessories included (KG)】+360*155*95(mm)

结构尺寸 Structure size



应用场景 Application

适用于铁塔基站防盗门, 配电房, 站房门等需要门禁的地方。

Tower base station security door, power distribution room, station door, etc.

接线说明 Wiring instructions

红 Red	黑 Black	绿 Green	黄 Yellow	蓝 Blue	白 White	灰 Grey	粉 Pink	橘 Orange	紫 Purple
12V+ 12V+	GND GND	DO DO	DO DO	门磁 Door sensor	门磁 Door sensor	锁舌 Cam	锁舌 Cam	485B 485B	485A 485A

CRT-MSL100L 蓝牙灵性锁

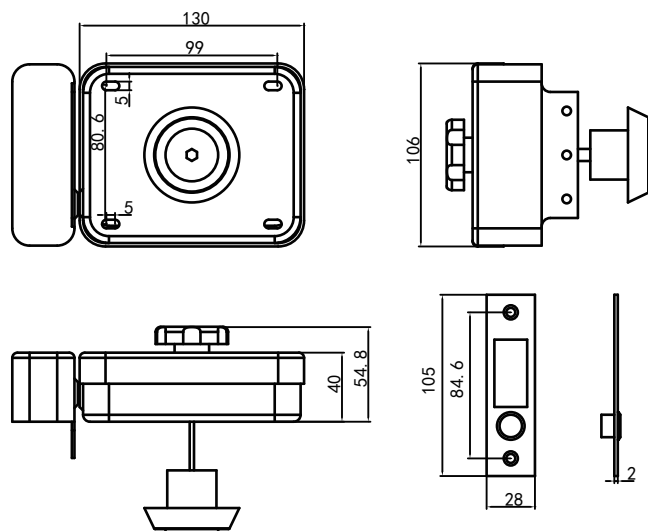
CRT-MSL100L Bluetooth smart lock



技术参数 Technical parameter

锁芯主材 Lock core material	304不锈钢 304 SUS
转柄扭力 Handle torque	≥46Nm ≥46Nm
整机电压 Operating voltage	12VDC 12VDC
工作温度 Operating environment	40~80℃, 20%-98%RH -40~80℃, 20%-98%RH
开关次数 Switching life	> 10万次 > 100000 times
可存储日志 Storable log	22条 22 pcs
锁芯防护等级 Protection level	IP67 IP67
锁芯样式 Core pattern	电子锁芯/机械锁芯 Electronic/mechanical cylinder
开锁方式 Unlocking mode	远程开锁, 钥匙开锁 Remote unlock, key unlock
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	1.15 (KG) +170*115*90(mm) 1.15 (KG) +170*115*90(mm)

结构尺寸 Structure size



应用场景 Application

适用于配电房, 站房门等需要门禁的地方。

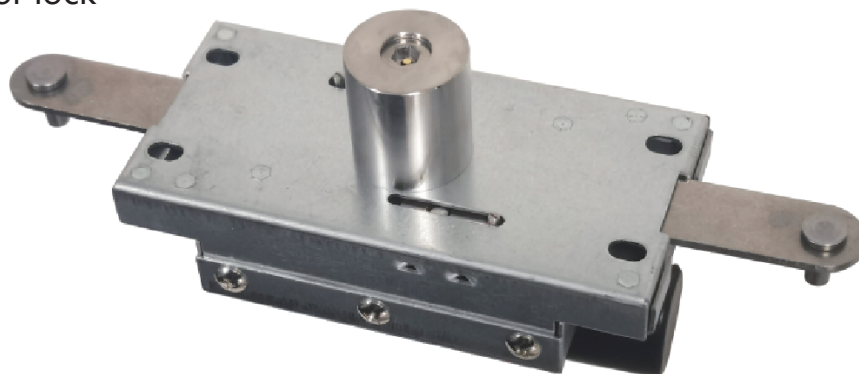
Tower base station security door, power distribution room, station door, etc.

接线说明 Wiring instructions

红 Red	黑 Black	绿 Green	黄 Yellow	蓝 Blue	白 White	灰 Grey	粉 Pink	橘 Orange	紫 Purple
12V+ 12V+	GND GND	DO DO	DO DO	门磁 Door sensor	门磁 Door sensor	锁舌 Cam	锁舌 Cam	485B 485B	485A 485A

CRT-MSGB100N 钢板门锁

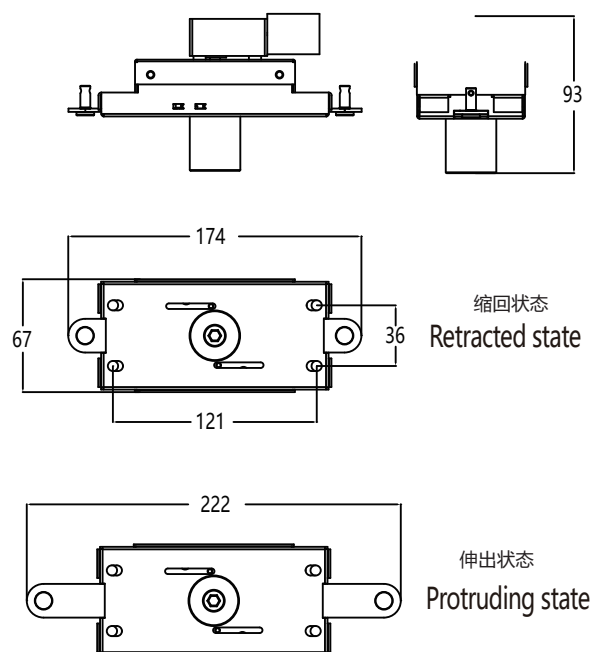
CRT-MSGB100N Steel door lock



技术参数 Technical parameter

工作电压 Operating voltage	12VDC 12VDC
工作环境 Operating environment	-40~80℃, 20%~100%RH -40~80℃, 20%~100%RH
壳体主材 Lock main material	镀锌钢板 Galvanized steel sheet
锁芯主材 Lock core material	304不锈钢 304 SUS
锁杆规格 Lock rod specification	304不锈钢, 伸出长度24mm 304 SUS, Extension length 24mm
可存储日志 Storable log	22条 22 pcs
开关次数 Switching life	> 10万次 > 100000 times
通讯方式 Communication mode	RS485, 蓝牙4.0, 可接入动环内网 RS485、Bluetooth4.0、Power Intranet
盐雾实验 Salt spray test	符合GB/T2423要求 Meet GB/T2423 standard requirements
防护等级 Protection level	IP65 IP65
开锁方式 Unlocking mode	远程开锁, 电子钥匙开锁, 蓝牙开锁 Remote unlock, key unlock

结构尺寸 Structure size



应用场景 Application

适用于配电房, 站房门等需要门禁的地方。

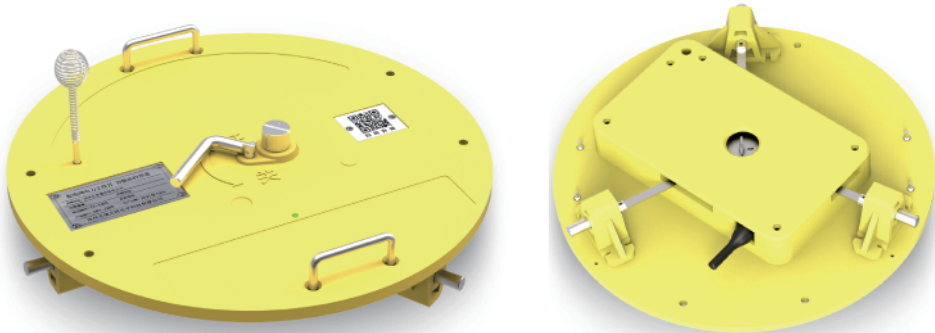
Tower base station security door, power distribution room, station door, etc.

接线说明 Wiring instructions

红 Red	黑 Black	绿 Green	黄 Yellow	蓝 Blue	白 White	灰 Grey	粉 Pink	橘 Orange	紫 Purple
12V+ 12V+	GND GND	DO DO	DO DO	门磁 Door sensor	门磁 Door sensor	锁舌 Cam	锁舌 Cam	485B 485B	485A 485A

CRT-JG700N 智能井盖

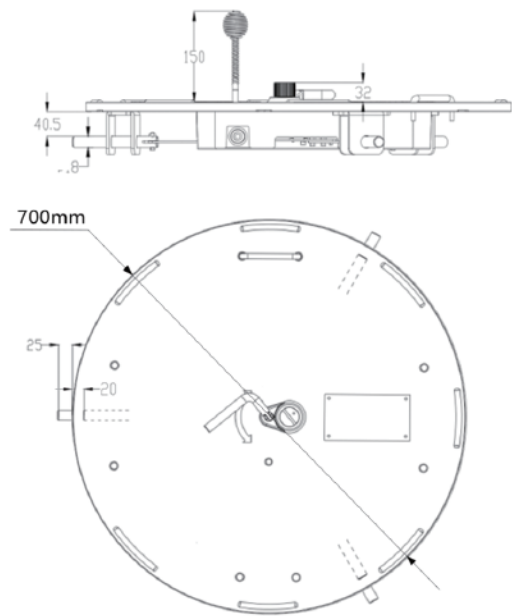
CRT-JG700N Manhole cover



技术参数 Technical parameter

工作电压 Operating voltage	3.6VDC±20% 3.6VDC±20%
电池电量 Battery level	≥38000mAh ≥38000mAh
待机功耗 Standby consumption	≤30μA ≤30μA
电池寿命 Battery life	> 3年 > 3 years
工作环境 Working environment	-40~80℃, 5%~100%RH -40~80℃, 5%~100%RH
井盖主材 Main material	玻璃钢+不锈钢 Fiberglass + stainless steel
锁芯主材 Lock core material	304不锈钢 304SUS
锁杆规格 Lock rod specification	304不锈钢, 伸出长度20mm 304SUS, Extension length 20mm
可存日志 Storage capacity	22条 22pcs
开关次数 Switching frequency	> 10万次 > 100000 times
功能特点 Functional characteristics	外盖检测, 可拓展气体/水位传感 Cover detection, expandable gas/water level sensing
通讯方式 Communication mode	NB/4G, 蓝牙4.0, 可接入电力内网 NB/4G、Bluetooth4.0、Power Intranet
防护等级 Protection level	IP68 IP68
开锁方式 Unlocking mode	远程开锁, 蓝牙开锁, 电子钥匙开锁, 机械应急开锁 Remote unlocking, Bluetooth unlocking, electronic
告警信息 Alarm information	外盖告警, 震动告警, 撬锁告警, 低电量告警等。 key unlocking, mechanical emergency unlocking Cover alarm, vibration alarm, lock picking alarm, low power alarm, etc

结构尺寸 Structure size



应用场景 Application

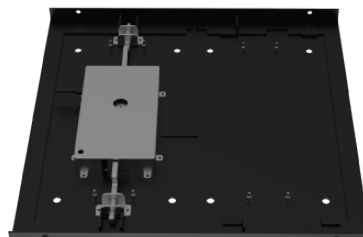
适用于电力, 通信, 水务, 市政井盖等。
Electricity, communication, water,
municipal manhole cover, etc.

选型对照表 Selection table

NO.	型号 Model	井盖外直径尺寸(mm) Outer diameter dimension (mm)
1	CRT-JG600N	600
2	CRT-JG700N	700
3	CRT-JG900N	900

CRT-JG800FN 智能井盖

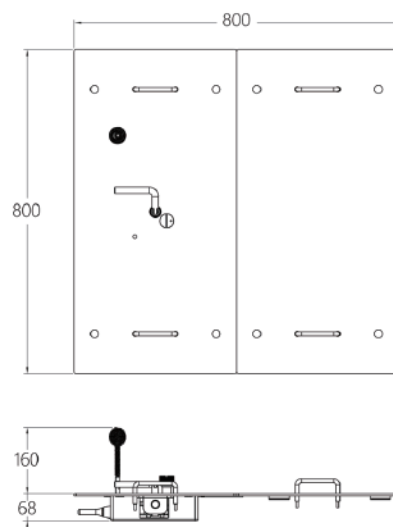
CRT-JG800FN Manhole cover



技术参数 Technical parameter

工作电压 Operating voltage	3.6VDC±20% 3.6VDC±20%
电池电量 Battery level	≥38000mAh ≥38000mAh
待机功耗 Standby consumption	≤30μA ≤30μA
电池寿命 Battery life	> 3年 > 3 years
工作环境 Working environment	-40~80℃, 5%~100%RH -40~80℃, 5%~100%RH
井盖主材 Main material	玻璃钢+不锈钢 Fiberglass + stainless steel
锁芯主材 Lock core material	304不锈钢 304SUS
锁杆规格 Lock rod specification	304不锈钢, 伸出长度20mm 304SUS, Extension length 20mm
可存日志 Storage capacity	22条 22pcs
开关次数 Switching frequency	> 10万次 > 100000 times
功能特点 Functional characteristics	外盖检测, 可拓展气体/水位传感 Cover detection, expandable gas/water level sensing
通讯方式 Communication mode	NB/4G, 蓝牙4.0, 可接入电力内网 NB/4G, Bluetooth4.0, Power Intranet
防护等级 Protection level	IP68 IP68
开锁方式 Unlocking mode	远程开锁, 蓝牙开锁, 电子钥匙开锁, 机械应急开锁 Remote unlocking, Bluetooth unlocking, electronic
告警信息 Alarm information	外盖告警, 震动告警, 撬锁告警, 低电量告警等。 key unlocking, mechanical emergency unlocking Cover alarm, vibration alarm, lock picking alarm, low power alarm, etc

结构尺寸 Structure size



应用场景 Application

适用于电力, 通信, 水务, 市政井盖等。

Electricity, communication, water, municipal manhole cover, etc.

CRT-JG800FN-W 无线供电井盖

CRT-JG800FN-W Manhole cover



技术参数 Technical parameter

工作电压 Operating voltage	3.6VDC±20% 3.6VDC±20%
电池电量 Battery level	≥38000mAh ≥38000mAh
待机功耗 Standby consumption	≤30μA ≤30μA
工作能耗 Battery life	50mA 50mA
工作环境 Working environment	-40~80℃, 5%~100%RH -40~80℃, 5%~100%RH
锁体主材 Main material	304不锈钢 304SUS
锁杆规格 Lock core material	304不锈钢 304SUS
可存日志 Storage capacity	22条 22pcs
开关次数 Switching frequency	> 10万次 > 100000 times
功能特点 Functional characteristics	授权开锁, 上传开锁信息 Authorization unlocking, upload information
通讯方式 Communication mode	NB/4G, 蓝牙4.0, 可接入电力内网 NB/4G, Bluetooth4.0, Power Intranet
防护等级 Protection level	IP68 IP68
开锁方式 Unlocking mode	无线供电开锁, 蓝牙开锁, 远程开锁 Wireless power unlocking, Bluetooth unlocking, remote unlocking
告警信息 Alarm information	外盖告警, 震动告警, 撬锁告警, 低电量告警等。 Vibration alarm, lock picking alarm, low power alarm, etc

锁控模块 Lock-in module

锁控主要 部件 Main components	无线供电接收控制器 Wireless power receiving controller
	电池 Battery
	锁体 Lock
	连杆 Connecting rod
	指示灯 Pilot lamp
外接传感器 (选配) External sensor (optional)	开盖感应器 Open cover sensor
	温湿度传感器 Temperature and humidity sensor
	水位传感器 Water level sensor
其他配件 Other accessories	无线供电钥匙 Wireless power key

应用场景 Application

适用于电力, 通信, 水务, 市政井盖等。

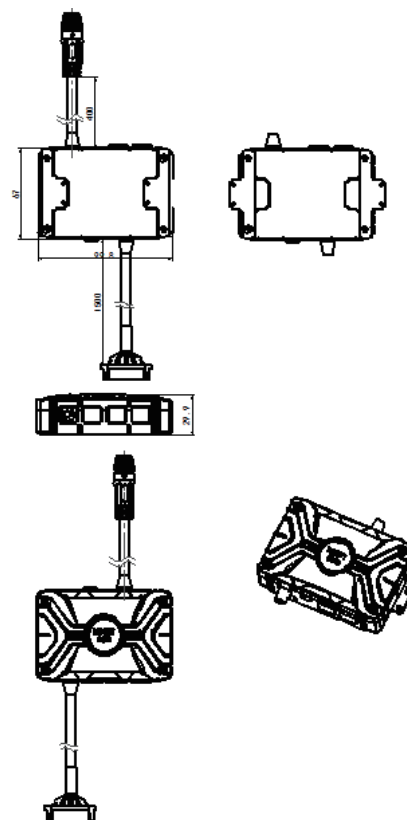
Electricity, communication, water, municipal manhole cover, etc.

CRT-NB100 NB-IOT controller



结构尺寸 Structure size

工作电压 Operating voltage	3.6VDC 3.6VDC
工作环境 Operating environment	-40~80℃, 5% ~ 100%RH -40~80℃, 5% ~ 100%RH
外壳材质 Shell material	阻燃ABS FR ABS
信号灵敏度 Signal sensitivity	≥ -125dBm ≥ -125dBm
电池容量 Battery capacity	≥ 19000mAh ≥ 19000mAh
产品功耗 Power consumption	工作功耗≤320mA, 待机功耗≤23uA Operating≤320mA, Standby≤23uA
使用寿命 Service life	> 5年/5000次开锁 > 5years/5000times
防护等级 Class of protection	IP67 IP67
盐雾试验 Salt spray test	符合GB/T2423标准 Meets GB/T2423 standard
信号传输 Signal transmission	NB-IoT (已通过中国电信开发者平台认证) NB-IoT
净重 (KG) NW(KG)	0.1 (KG) 0.1 (KG)



适用于需要NB-IoT通讯及相关功能的场景

Scenarios that require NB-IoT communication and related functions.

CRT-K100L 蓝牙钥匙

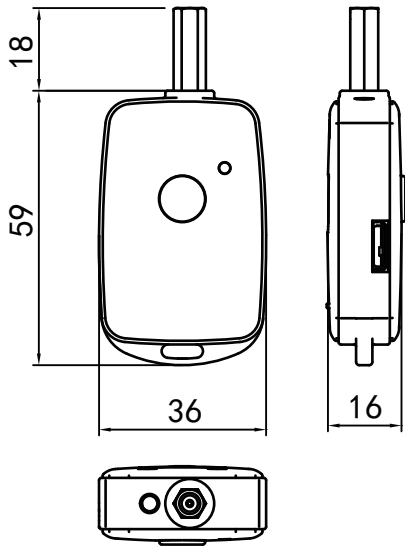
CRT-K100L Bluetooth key



技术参数 Technical parameter

工作电压 Operating voltage	4.2V 4.2V
充电电压 Charging voltage	5V 5V
工作温度 Operating temperature	-40~80℃ -40~80℃
外壳材质 Shell material	锌合金边框+ABS Zinc alloy frame+ABS
钥匙头材质 Key head material	304不锈钢 304 SUS
钥匙头样式 Keyhead pattern	铜镀金触点，六角式 Gold-plated copper contact, hexagonal type
接口样式 Interface style	Micro USB Micro USB
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.053 (KG) +80*21*28(mm) 0.053 (KG) +80*21*28(mm)

结构尺寸 Structure size



产品说明 Instructions

使用范围 Scope of application	需要身份认证场所的锁具 A lock for a place that requires identification
权限识别 Permission recognition	识别系统设定操作范围，操作时限 Identification system set operating range/time limit
身份绑定 Identity binding	和手机绑定使用，防止钥匙被盗用，确保钥匙使用安全 Tie it to your phone to prevent key theft. Make sure Key security
远程撤权 Remote withdrawal	可远程删除钥匙权限 Key permissions can be deleted remotely
通讯功能 Communication function	可通过手机对钥匙实现远程监控 Remote monitoring via mobile phone

应用场景 Application

适用于六角孔智能锁芯
Hexagonal hole intelligent lock core.

CRT-K102L 蓝牙钥匙

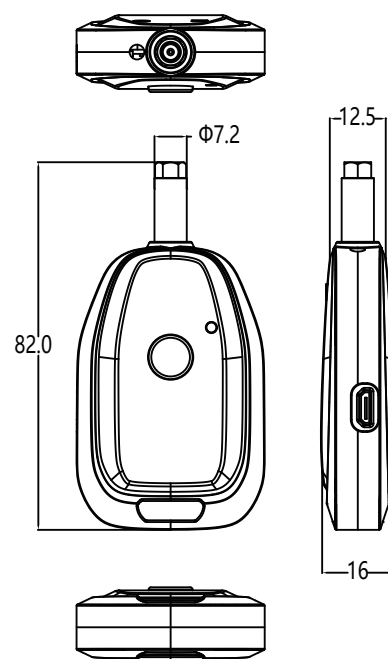
CRT-K102L Bluetooth key



技术参数 Technical parameter

工作电压 Operating voltage	4.2V 4.2V
充电电压 Charging voltage	5V 5V
工作温度 Operating temperature	-40~80°C -40~80°C
外壳材质 Shell material	锌合金边框+ABS Zinc alloy frame+ABS
钥匙头材质 Key head material	304不锈钢 304 SUS
钥匙头样式 Keyhead pattern	铜镀金触点，六角式 Gold-plated copper contact, hexagonal type
接口样式 Interface style	Micro USB Micro USB
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.079 (KG) +80*21*28(mm) 0.079 (KG) /+150*145*180(mm)

结构尺寸 Structure size



产品说明 Instructions

使用范围 Scope of application	需要身份认证场所的锁具 A lock for a place that requires identification
权限识别 Permission recognition	识别系统设定操作范围，操作时限 Identification system set operating range/time limit
身份绑定 Identity binding	和手机绑定使用，防止钥匙被盗用，确保钥匙使用安全 Tie it to your phone to prevent key theft. Make sure Key security
远程撤权 Remote withdrawal	可远程删除钥匙权限 Key permissions can be deleted remotely
通讯功能 Communication function	可通过手机对钥匙实现远程监控 Remote monitoring via mobile phone

应用场景 Application

适用于六角孔智能锁芯

Hexagonal hole intelligent lock core.

CRT-K104-4G 全键盘电子指纹钥匙

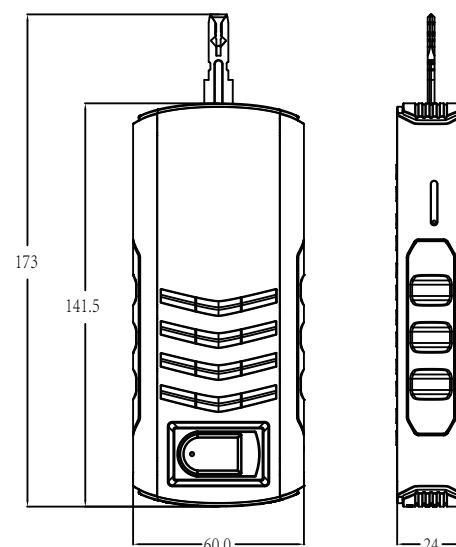
CRT-K104-4G full keyboard fingerprint key



技术参数 Technical parameter

工作电压 Operating voltage	4.2V 4.2V
充电电压 Charging voltage	5V 5V
工作温度 Operating temperature	-40~80℃ -40~80℃
外壳材质 Shell material	锌合金+ABS Zinc alloy +ABS
钥匙头材质 Key head material	304不锈钢 304 stainless steel
钥匙头样式 Keyhead pattern	铜镀金触点，六角式/一字 Copper plated contact, hex/flat
屏幕类型 Screen type	OLED OLED
功能特点 Functional characteristics	指纹识别，密码鉴权，直接授权 Fingerprint identification, password/direct authorization
通讯连接 Communication	4G, RS232, TYPE-C 4G, RS232, TYPE-C
按键数量+净重 (KG) Number of keys+NW(KG)	12个+0.27KG 12+0.27KG

结构尺寸 Structure size



产品说明 Instructions

适用规范 Scope of application	需要身份认证场所的锁具 Locks for authentication places are required
权限识别 Permission identification	识别系统设定操作范围，操作时限 Identify the system to set the operating range, time limit
指纹识别 Fingerprint recognition	可远程录入指纹，开锁需指纹验证 Remote input fingerprint, unlock requires verification
身份绑定 Identity binding	和手机、指纹、密码绑定使用，防止钥匙被盗用，确保钥匙使用安全 Bind to mobile phone, fingerprint, and password
远程撤销 Remote withdrawal	可远程删除钥匙权限 Key permissions can be removed remotely
通讯功能 Communication	可通过手机或平台对钥匙实现远程监控 Remote monitoring via mobile phone or platform
应急开锁 Emergency unlocking	若指纹失效，可采用密码应急开锁 Fingerprint failure, password emergency unlock
屏幕显示 Screen display	电量，信号，蓝牙，授权开锁提示等 Battery, signal, Bluetooth, authorized unlock prompt, etc

应用场景 Application

适用于银行、电力、通讯等行业

Banking, electricity, telecommunications and other industries.

CRT-K106L-NW 全键盘电子钥匙

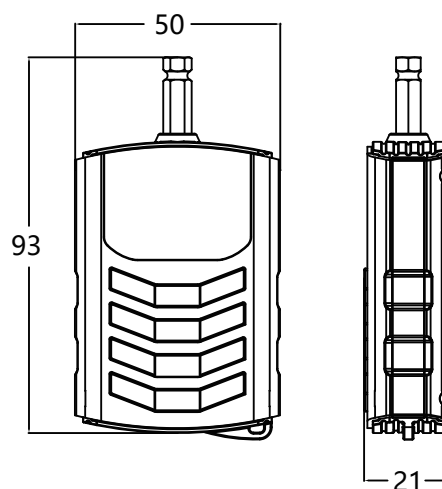
CRT-K106L-NW Full keyboard key



技术参数 Technical parameter

工作电压 Operating voltage	4.2V 4.2V
充电电压 Charging voltage	5V 5V
工作温度 Operating temperature	-40~80°C -40~80°C
外壳材质 Shell material	锌合金边框+ABS Zinc alloy+ABS
钥匙头材质 Key head material	304不锈钢 304 stainless steel
钥匙头样式 Keyhead pattern	铜镀金触点, 六角式, 防脱落 Gold-plated copper contact, hexagonal, anti-fall
屏幕类型 Screen type	OLED OLED
电池规格 Battery specification	1500mAh可充电锂电池 1500mAh ,Rechargeable lithium battery
接口样式 Interface style	Type-C Type-C
通讯方式 Communication mode	蓝牙4.0及以上 Bluetooth 4.0 and above
防护等级 Protection level	IP44 IP44

结构尺寸 Structure size



产品说明 Instructions

使用范围 Scope of application	需要身份认证场所的锁具 A lock for a place that requires identification
权限识别 Permission recognition	识别系统设定操作范围, 操作时限 Identify system set operating range/time limit
身份绑定 Identity binding	和手机绑定使用, 防止钥匙被盗用, 确保钥匙使用安全 It's tied to your phone,
远程撤权 Remote withdrawal	可远程删除钥匙权限 Remote delete key permissions
通讯功能 Communication function	可通过手机或平台对钥匙实现远程监控 Remote monitoring via mobile phone or platform
屏幕显示 Screen display	电量、信号、蓝牙、授权开锁提示等 Battery, signal, Bluetooth, authorized unlock prompt, etc

应用场景 Application

适用于六角孔智能锁芯
Hexagonal hole intelligent lock core.

CRT-K108L-W 无线供电钥匙

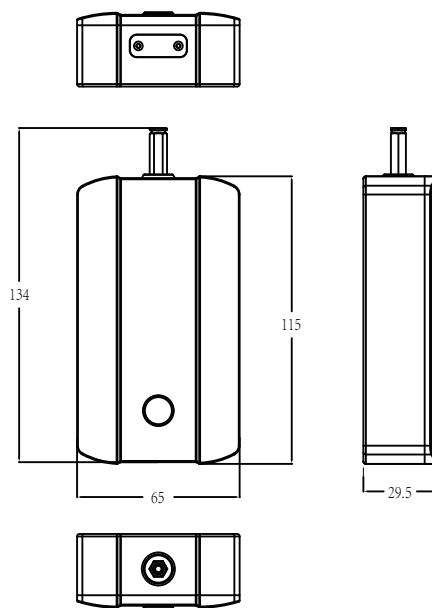
CRT-K108L-W Wireless power key



技术参数 Technical parameter

工作电压 Operating voltage	4.2V 4.2V
充电电压 Charging voltage	5V 5V
工作温度 Operating temperature	-40~80℃ -40~80℃
外壳材质 Shell material	锌合金边框+ABS Zinc alloy+ABS
钥匙头材质 Key head material	304不锈钢 304 stainless steel
钥匙头样式 Keyhead pattern	铜镀金触点，六角式，防脱落 Gold-plated copper contact, hexagonal, anti-fall
屏幕类型 Screen type	OLED OLED
电池规格 Battery specification	1500mH可充电锂电池 1500mAh ,Rechargeable lithium battery
接口样式 Interface style	Type-C Type-C
通讯方式 Communication mode	蓝牙4.0及以上 Bluetooth 4.0 and above
防护等级+净重(KG) Protection level +NW(KG)	IP44+0.174 (KG) IP44+0.174(KG)

结构尺寸 Structure size



产品说明 Instructions

使用范围 Scope of application	需要身份认证场所的锁具 A lock for a place that requires identification
权限识别 Permission recognition	识别系统设定操作范围，操作时限 Identify system set operating range/time limit
身份绑定 Identity binding	和手机绑定使用，防止钥匙被盗用，确保钥匙使用安全 It's tied to your phone,
远程撤权 Remote withdrawal	可远程删除钥匙权限 Remote delete key permissions
通讯功能 Communication function	可通过蓝牙连接手机/锁具，传输信息 Remote monitoring via mobile phone or platform
无线供电 Wireless power supply	若锁具电源失效，可通过无线供电开锁 Lock power failure, support wireless power unlocking

应用场景 Application

适用于六角孔智能锁芯
适用于本公司支持无线供电开锁的产品
Hexagonal hole intelligent lock core;
Products that support wireless power unlocking.

CRT-K102-4G 电子指纹钥匙

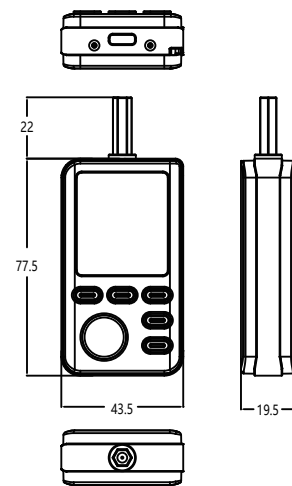
CRT-K102-4G Fingerprint 4G key



技术参数 Technical parameter

工作电压 Operating voltage	4.2V 4.2V
充电电压 Charging voltage	5V 5V
工作温度 Operating temperature	-40~80°C -40~80°C
外壳材质 Shell material	锌合金边框+ABS Zinc alloy+ABS
钥匙头材质 Key head material	304不锈钢 304 stainless steel
钥匙头样式 Keyhead pattern	六角式 hexagonal
屏幕类型 Screen type	OLED OLED
功能 function	指纹识别, 密码认证 Fingerprint recognition, password authentication
通讯方式 Communication mode	4G通信、远程授权、远程删除权限 4G communication, remote authorization, remote deletion of permissions
净重 (KG) +包装尺寸 (mm) NW(KG)+UBS(mm)	0.075 (KG) +115*61*22(mm) 0.075 (KG) +115*61*22(mm)

结构尺寸 Structure size



产品说明 Instructions

适用规范 Scope of application	需要身份认证场所的锁具 Locks for authentication places are required
权限识别 Permission identification	识别系统设定操作范围, 操作时限 Identify the system to set the operating range, time limit
指纹识别 Fingerprint recognition	可远程录入指纹, 开锁需指纹验证 Remote input fingerprint, unlock requires verification
身份绑定 Identity binding	和手机、指纹、密码绑定使用, 防止钥匙被盗用, 确保钥匙使用安全 Bind to mobile phone, fingerprint, and password
远程撤销 Remote withdrawal	可远程删除钥匙权限 Key permissions can be removed remotely
通讯功能 Communication	可通过手机或平台对钥匙实现远程监控 Remote monitoring via mobile phone or platform
应急开锁 Emergency unlocking	若指纹失效, 可采用密码应急开锁 Fingerprint failure, password emergency unlock
屏幕显示 Screen display	电量, 信号, 蓝牙, 授权开锁提示等 Battery, signal, Bluetooth, authorized unlock prompt, etc

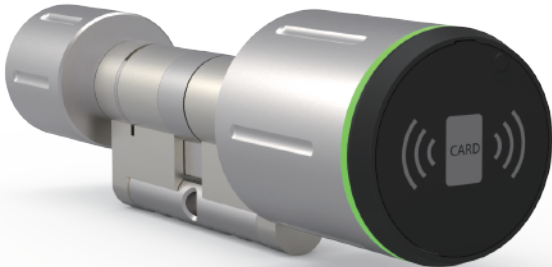
应用场景 Application

适用于银行、电力、通讯等行业

Banking, electricity, telecommunications and other industries.

CRT-H60-N 葫芦锁

CRT-H60-N intelligent lock



技术参数

Technical parameter

锁体主材 Lock body material	铜，不锈钢，塑料 304Stainless steel
工作电压 Operating voltage	2.2V-3.7VDC 2.2V-3.7VDC
工作温度 Operating environment	-10℃~80℃ -10~80℃
工作湿度 Operating environment	20%-98%RH 20%-98%RH
开关次数 Switching life	30万次 300000 times
防护等级 Protection level	IP67 IP67
互开率 Mutual unlock	128位数编码，互开率为零 128digit encoding with zero mutual unlock
开锁方式 Unlocking mode	卡，蓝牙,机械钥匙 Card,Bluetooth,Mechanical key
净重 (KG) NW(KG)	0.411 (KG) 0.411 (KG)

应用场景

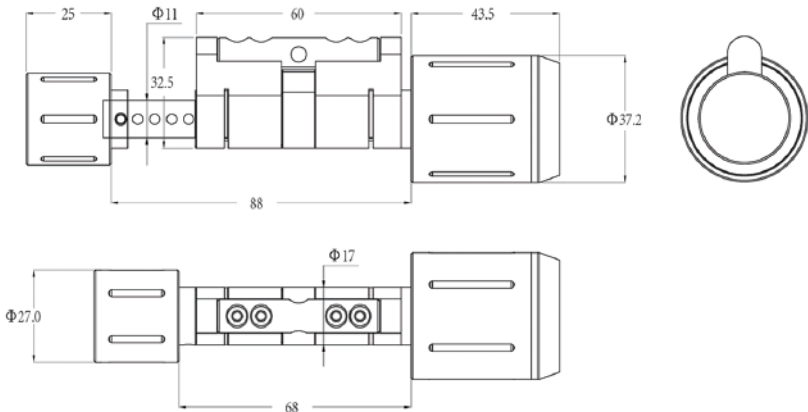
Application

图书馆，会议室，办公区
数据室，银行

Library,Meeting room,Office
Data room,Bank

结构尺寸

Structure size



CRT-G500L-85 挂锁

CRT-G500L-85 Bluetooth Padlock



技术参数

Technical parameter

锁体主材 Lock body material	304不锈钢 304SUS
工作电压 Operating voltage	3.6VDC 3.6VDC
工作温度 Operating environment	-40℃~80℃ -40~80℃
工作湿度 Operating environment	20%-98%RH 20%-98%RH
开关次数 Switching life	30万次 300000 times
防护等级 Protection level	IP67 IP67
盐雾试验 Salt,spray test	符合GB/T2423标准要求 Meet GB/T2423 standard requirement
信号传输 Signal transmission	4G, 蓝牙4.0及以上 4G,Bluetooth 4.0 and above

应用场景

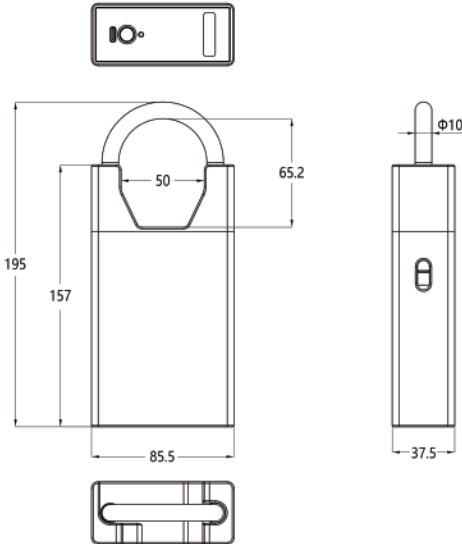
Application

适用于银行、电力、通讯等

Banking, electricity, telecommunications and other industries.

结构尺寸

Structure size



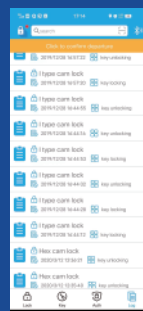
管理平台 Management platform

PC端

Computer
terminal



手机小程序
APP



平台功能

Platform
function

人员管理
Personnel
management

电子钥匙管理
Electronic key
Management

锁具管理
Lock
management

权限管理
Permissions
management

区域管理
Region
management

基站管理
Base station
management

日志管理
Log
management

工单管理
Work order
management

离站信息管理
Off-site
management

克瑞艾特产品手工测量，存在误差，所有数据解释权归本公司所有。
Creette products are measured manually, there are errors, and all data
interpretation rights belong to the company

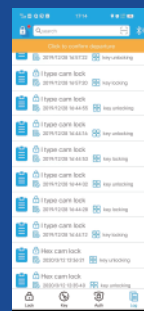
管理平台 Management platform

PC端

Computer
terminal



手机小程序
APP



平台功能

Platform
function

人员管理
Personnel
management

电子钥匙管理
Electronic key
Management

锁具管理
Lock
management

权限管理
Permissions
management

区域管理
Region
management

基站管理
Base station
management

日志管理
Log
management

工单管理
Work order
management

离站信息管理
Off-site
management

克瑞艾特产品手工测量，存在误差，所有数据解释权归本公司所有。
Creette products are measured manually, there are errors, and all data
interpretation rights belong to the company



徐州克瑞艾特电子科技有限公司

Xuzhou Create Electronic Technology Co.,Ltd.

公司地址：江苏省徐州市经济开发区乐业路联东U谷1-2号

Add: No. 1-2 U Valley, Leye Road, Economic Development Zone,
Xuzhou City, Jiangsu Province, China

Tel: 18652228311 18552875832 18552812767

Web: www.jskratglobal.com



Scan code for electronic files