欧姆电子
OHM 产品选型手册

OHM PRODUCTS SELECTION MANUAL

欧姆（重庆）电子技术有限公司

OHM (Chongqing) Electronics Technology Co., Ltd.



欧姆电子致力于在国内及全球的遥控领域中
打造出富有影响力的工业无线遥控产品!

OHM Electronics is committed to creating influential industrial wireless remote control products in the domestic and global remote control field!





企业简介

Corporate profile

欧姆电子OHM成立于2013年8月，是一家专注于工业无线遥控设备，集研发、生产、销售、售后为一体的高新技术企业。欧姆在重庆市建立生产和制造基地，并且在上海市设立销售总部和售后服务中心，提供周到、完善的工业无线遥控技术的咨询、支持和售后服务。

Founded in August 2013, OHM Electronics is a high-tech enterprise that focuses on industrial wireless remote control equipment and integrates R&D, production, sales and after-sales service. OHM has established a production and manufacturing base in Chongqing, and a sales headquarters and after-sales service center in Shanghai, providing thoughtful and complete consultation, support and after-sales service for industrial wireless remote control technology.

作为工业无线遥控器行业的尖端企业，欧姆电子OHM将“铸造辉煌、唯有质量”作为企业准则，将“始终提供安全及可靠的工业无线遥控产品”作为企业使命。致力于开发安全可靠、坚实耐用、品质优越的工业无线遥控设备，为用户减少劳动力、提高效率及为操作人员提供更便捷和安全的操作环境，在工业、建筑业、林业、矿业等领域实现机械设备与智能控制的完美统一。

As a cutting-edge enterprise in the industry of wireless remote control, OHM electronic OHM regards“Casting brilliance, only quality” as the enterprise guideline, will“Always provide safe and reliable industrial wireless remote control products” as the mission of the enterprise. Dedicated to the development of safe and reliable, durable, high-quality industrial wireless remote control equipment, for users to reduce labor, improve efficiency and provide operators with more convenient and safe operating environment, in industry, construction, forestry, mining and other fields to achieve the perfect unity of mechanical equipment and intelligent control.

企业实景

OHM 欧姆

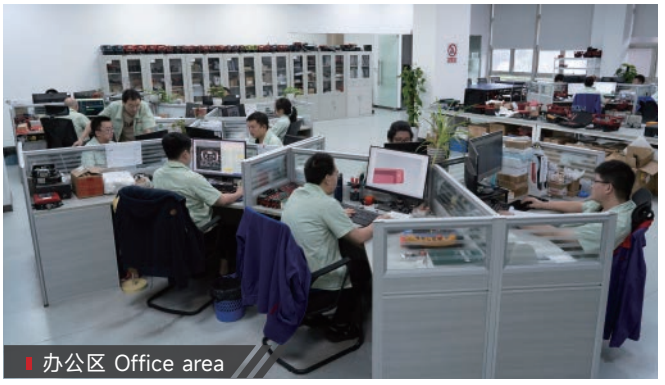
Corporate environment



展示厅 Showroom



会议室 Meeting room



办公区 Office area



实验室 Laboratory



CNC加工中心 CNC machining center



调试区 Debug area



生产组装车间 Production and assembly workshop



仓库 Storehouse

企业资质

Business qualifications

荣获“高新技术企业”
High-tech enterprise

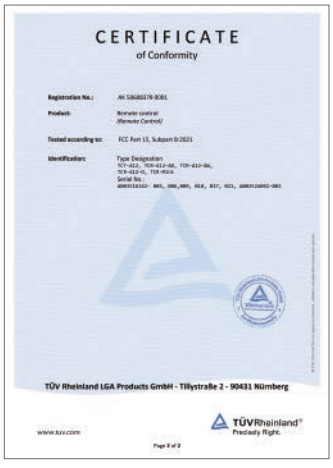
ISO9001 认证
ISO 9001 certificate

CE 认证
CE certificate

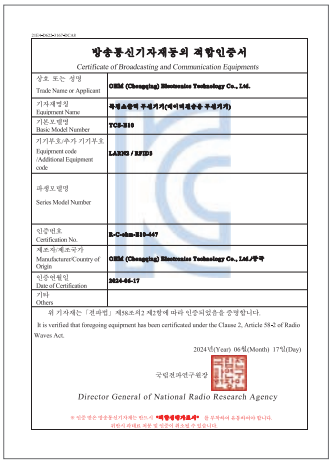
FCC 认证
FCC certificate



CE证书
CE certificate



FCC证书
FCC certificate



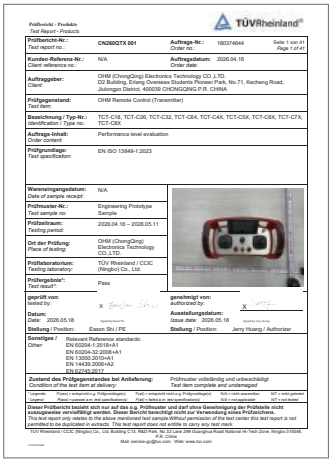
韩国无线通信设备证书
Korean wireless communication equipment certificate



安标证书
Certificate of safety signs
(FYF)



防爆合格证
Explosion-proof qualified certificate
(FYF)



评估报告
Evaluation report
(PLD)

服务客户

Service customers

让更多的用户得到适合自己需求的解决方案

Let more users get the solution that suits their needs

徐工集团

中联重科

三一集团

中国铁建

中国中铁

盈峰环境

星邦重工

中国中车

法兰泰克

诺威起重

卫华集团

纽科伦

奥力通起重

华德起重

河南矿山

株洲天桥起重

产品目录

Product catalog



P07 TCT-C-V



P09 10寸屏遥控器
10-inch screen remote control



P10 高清无线视频遥控
High definition wireless video remote control



P11 TCT-A



P12 TCT-B



P18 TCT-C



P23 TCT-D



P24 TCT-E



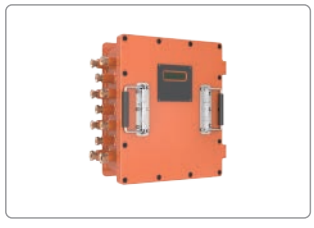
P25 可选配件
Optional accessories



P26 TCR-R



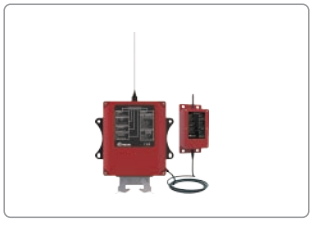
P34 FYF



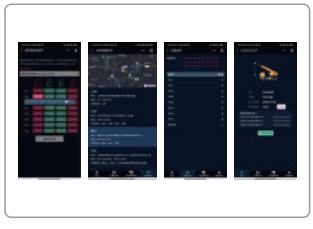
P38 FYS



P39 指纹识别和照明系统
Fingerprint recognition and lighting system



P40 TCS 系统数据记录器
TCS series data logging mode



P40 小欧智能助手
OHM's assistant

P43 服务站点
Service address

TCT-C-V系列 TCR-C-V SERIE

IP67 防护等级 Protection Level

传输距离≥100m，适用于酿酒、油汽、瓦斯防爆等特殊场合
Transmission distance ≥ 100m, suitable for special occasions such as brewing, oil and gas explosion prevention, etc

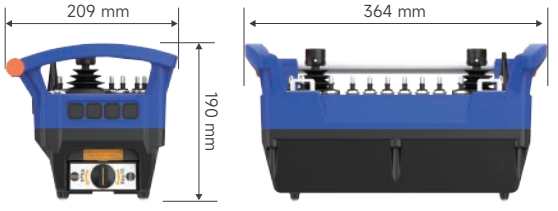
可选配4.0" / 5.0" / 7.0" LCD显示屏，功能丰富
Optional 4.0"/5.0"/7.0" LCD display with numerous functions

轻量化设计，高自由度布局满足各类需求
Lightweight design, high degree of freedom layout to meet various needs

14000mAh自充电锂电池，Type-C充电接口，支持PD快充协议
14000mAh self-charging lithium battery, Type-C charging interface, supporting PD fast charging protocol



操作元件及功能 Operating elements	最多9个线性摇杆或4个万向摇杆；最多8个侧键 Up to 9 linear levers or 4 joysticks; Up to 8 push buttons onside
	最多64个开关量功能 / 最多14个模拟量功能 Up to 64 digital functions (on/off) / Up to 14 analog functions
重量（含电池）Weight（Include battery）	≈ 3.5kg
工作温度 Operation temperature	-25°C ~ +70°C（不含电池）/ -20°C ~ +60°C（含电池） （Exclude battery / Include battery）
工作频率 Operating frequency	416.800MHz - 419.975MHz；433.100MHz - 434.750MHz
	863.100MHz - 869.950MHz；902.000MHz - 928.000MHz
工作电压 Operating voltage	3.7V DC
适配接收器 Adaptive receiver	TCR-100；TCR-310；TCR-7_ _；TCR-8_ _
	Output: Relays、PWM、CANBUS、others BUS optional



基础款机壳尺寸 Base model dimensions

选配显示屏尺寸：4.0" LCD Display size options：4.0" LCD

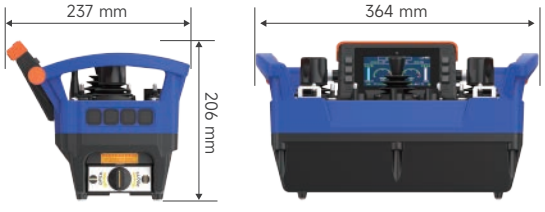
支持800 x 480分辨率
Supports 800 x 480 resolution

可调节亮度，最大 420cd/m²
Adjustable brightness, maximum 420cd/m²

反馈数据显示
Feedback data display

工作时长： Operating hours **≥ 20h**





4.0"款机壳尺寸 4.0" model dimensions

选配显示屏尺寸：5.0" LCD Display size options：5.0" LCD

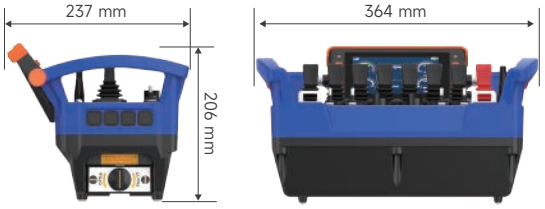


支持1280 x 720分辨率
Supports 1280 x 720 resolution

可调节亮度，最大 500cd/m²
Adjustable brightness, maximum 500cd/m²

支持触摸操作和视频显示
Touch operation and video feedback

工作时长： ≥ 8h
Operating hours



5.0"款机壳尺寸 5.0" model dimensions

选配显示屏尺寸：7.0" LCD Display size options：7.0" LCD

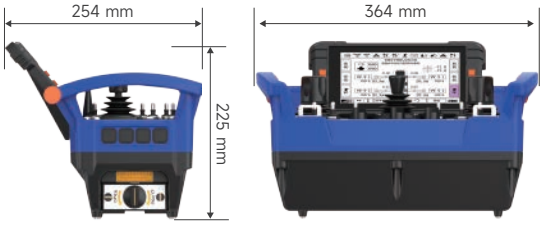


支持1280 x 720分辨率
Supports 1280 x 720 resolution

可调节亮度，最大 230cd/m²
Adjustable brightness, maximum 230cd/m²

支持触摸操作和视频显示
Touch operation and video feedback

工作时长： ≥ 8h
Operating hours



7.0"款机壳尺寸 7.0" model dimensions

无线型中继器 WIRELESS REPEATER

IP66 防护等级 Protection Level



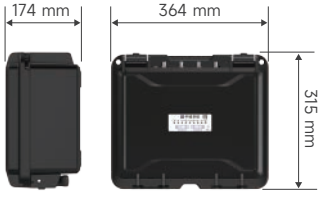
支持单向或者双向通信
Supports unidirectional or bidirectional communication

可通过手机APP或微信小程序进行参数设置
Parameters can be set via a mobile app or WeChat Mini Program

整机便携式手提设计，携带更随心
Portable handheld design, more convenient to carry



通信延时 Communication delay	< 100ms
传输距离 Transmission distance	100m ~ 500m
内置电池容量 Build-in Battery Capacity	8400mAh
工作温度 Operating temperature	-40°C ~ +60°C
工作频率 Operating frequency	433MHz / 418MHz / 470MHz



10寸屏遥控器 10-inch screen remote control

- IPS — 10.1寸高清显示屏，1280*800高分辨率
  10.1-inch high-definition display, 1280*800 high resolution
- 1080P — 2路1080P摄像头 + 1路360环视系统
  2* 1080P cameras + 1*360-degree surround view system
- 实时的将设备运行数据显示到遥控器上
  Display device operation data on the remote control in real time
- 无线传输距离：基础款 ≥500m / 性能款 ≥3000m
  Wireless transmission distance（Basic model / Performance model）
- 视频整体延时＜200ms，数据延时＜50ms
  Overall video delay <200ms, data delay <50ms



发射器参数
Transmitter parameters



- 393 x 256 x 67mm
  机身尺寸（Dimensions）
- 工作温度：-20°C ~ +50°C
  Operating Temperature
- 背负方式：肩带式
  Carrying method: shoulder strap
- ≈3.25kg
  重量（Weight）
- 内置8400mAh锂电池
  Built-in 8400mAh lithium battery
- 续航时间：≥8 小时
  Battery life:≥ 8 hours

防护等级 Protection Level | IP65

接收器参数
Receiver parameters



- 290 x 200 x 95mm
  安装尺寸（Installation Size）
- 工作温度：-30°C ~ +60°C
  Operating Temperature
- 控制方式：CAN总线
  Control mode: CAN bus
- 工作频率：800MHz/1.4GHz/2.4GHz
  Operating frequency

防护等级 Protection Level | IP65

高清无线视频遥控

High definition wireless video remote control



IPS 高清IPS显示屏，支持多路高清视频
High-definition IPS display, Supports multi-channel

支持触摸操作和软键盘数据输入
Touch operation and soft keyboard data input

5.0寸触摸显示屏

5.0-inch touch display screen



720P 4路视频显示，支持720P高清视频
4-channel video & 720P high-definition video

自由切换视频显示或者反馈数据显示
Freely switch between display or data feedback

传输距离：100M
Transmission distance

工作温度：-20°C ~ +70°C
Operating temperature

防护等级 Protection Level | IP65

7.0寸触摸显示屏

7.0-inch touch display screen



720P 4路视频显示，支持720P高清视频
4-channel video & 720P high-definition video

支持多种显示模式
Support multiple display modes

传输距离：100M
Transmission distance

工作温度：-20°C ~ +70°C
Operating temperature

防护等级 Protection Level | IP65

8.0寸触摸PAD显示屏

8.0-inch touch display PAD screen



1080P 4路视频显示，支持1080P高清视频
4-channel video & 1080P high-definition video

自由切换视频显示或者反馈数据显示
Freely switch between display or data feedback

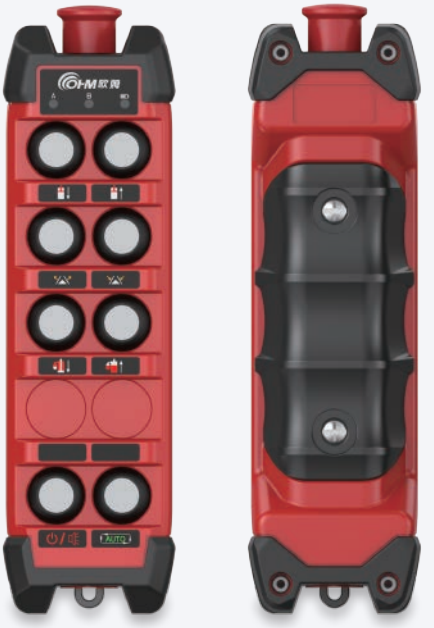
工作时长：> 8小时
Operating hours: > 8

工作温度：-20°C ~ +50°C
Operating temperature

防护等级 Protection Level | IP65

TCT-A 系列 Series

- 超长待机，两节电池工作超30天
  Ultra-long standby time, two batteries can work for more than 30 days
- 发射器与接收器完美配对，无需重新编程
  Perfect pairing of transmitter and receiver, no need for reprogramming
- 防护等级IP66，直面雨水、油污
  IP66 protection level, can withstand rain and oil
- 接收器重载直连、轻便小巧，安装快捷方便
  Heavy-duty direct connection of receiver, light and compact, quick and easy installation
- 动作时声光提示，省掉额外报警器
  Sound and light prompts when in action, eliminating the need for additional alarms
- 模块化设计、超高性价比
  Modular design, super cost-effective



TCT-A12



IP66 防护等级 Protection Level

操作元件 Operating elements	≤10个双速按键；1个急停开关 ≤10 dual-speed buttons; 1 emergency stop switch
标配功能 Standard functions	一键配对；开机访问码 One-touch pairing; power-on access code
选配功能 Optional functions	1对2功能；2对1功能；2对2功能 1 to 2 function; 2 to 1 function; 2 to 2 function
适配接收器 Adapter receiver	TCR-R100；TCR-R200；TCR-R400；TCR-R500
适配电池 Adapter battery	2节5号干电池 2 AA batteries
工作频率 Operating frequency	430MHz-433MHz；475MHz-495MHz，等 （The above main frequencies and others）

≈350g	-25°C ~ +70°C	工程塑料	产品认证
重量 Weight	工作温度 Operating temperature	Engineering plastic	Certification

TCT-B 系列 Series

- 电池模块化设计，更换更方便，单电池续航40小时
Modular battery design makes replacement easier, and a single battery can last for 40 hours
- 双色注塑包胶，超强的抗震抗摔性，2米跌落
Double-color injection molding, super strong shock and drop resistance, 2-meter drop
- 急停开关、按键开关采用自动化设备组装，一致性更好
Emergency stop switch and push button switch are assembled with automated equipment, with better consistency
- IP65防护性能更强 ，适合井下或室外操作
Stronger protection performance: IP65, suitable for underground or outdoor operation
- 高速CPU，响应时间≤20ms
High-speed CPU, response time ≤20ms
- 按键使用寿命一百万次
The service life of keys can reach one million times



TCT-B08



IP65 防护等级 Protection Level

操作元件 Operating elements	≤8个单速按键；1个急停开关 ≤8 single-speed buttons; 1 emergency stop switch
标配功能 Standard functions	智能钥匙；自动关机；开机访问码 Smart key; automatic shutdown; power-on access code
选配功能 Optional functions	身份识别卡；1对N功能；N对1功能；N对N功能（N≤8） ID card; 1 to N function; N to 1 function; N to N function (N≤8)
适配接收器 Adapter receiver	TCR-R300 标配 Standard configuration TCR-R100 定制 Customization
适配电池 Adapter battery	3节5号干电池或AA镍氢电池 3 No. 5 dry batteries or AA NiMH batteries
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz，等 (The above main frequencies and others)

≈280g 重量 Weight	-25°C ~ +70°C 工作温度 Operating temperature	工程塑料 Engineering plastic	产品认证 Certification

TCT-B12

IP65 防护等级 Protection Level





操作元件 Operating elements	≤8个双速按键；1个急停开关 ≤8 dual-speed buttons; 1 emergency stop switch
标配功能 Standard functions	智能钥匙；自动关机；开机访问码 Smart key; automatic shutdown; power-on access code
选配功能 Optional functions	身份识别卡；1对N功能；N对1功能；N对N功能（N≤8） ID card; 1 to N function; N to 1 function; N to N function (N≤8)
适配接收器 Adapter receiver	TCR-R500 标配 Standard configuration TCR-R100 定制 Customization
适配电池 Adapter battery	3节5号干电池或AA镍氢电池 3 No. 5 dry batteries or AA NiMH batteries
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz，等 （The above main frequencies and others）

≈280g	-25°C ~ +70°C	工程塑料	产品认证
重量 Weight	工作温度 Operating temperature	Engineering plastic	Certification

TCT-B16

IP65 防护等级 Protection Level



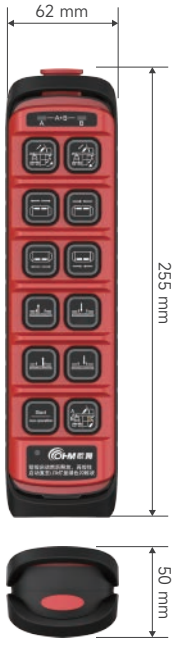


操作元件 Operating elements	≤10个双速按键；1个急停开关 ≤10 dual-speed buttons; 1 emergency stop switch
标配功能 Standard functions	智能钥匙；自动关机；开机访问码 Smart key; automatic shutdown; power-on access code
选配功能 Optional functions	身份识别卡；1对N功能；N对1功能；N对N功能（N≤8） ID card; 1 to N function; N to 1 function; N to N function (N≤8)
适配接收器 Adapter receiver	TCR-R500 标配 Standard configuration TCR-R100 定制 Customization
适配电池 Adapter battery	3节5号干电池或AA镍氢电池 3 No. 5 dry batteries or AA NiMH batteries
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz，等 （The above main frequencies and others）

≈310g	-25°C ~ +70°C	工程塑料	产品认证
重量 Weight	工作温度 Operating temperature	Engineering plastic	Certification

TCT-B20





IP65 | 防护等级 Protection Level

操作元件 Operating elements	≤12个双速按键；1个急停开关 ≤12 dual-speed buttons; 1 emergency stop switch
标配功能 Standard functions	智能钥匙；自动关机；开机访问码 Smart key; automatic shutdown; power-on access code
选配功能 Optional functions	身份识别卡；1对N功能；N对1功能；N对N功能（N≤8） ID card; 1 to N function; N to 1 function; N to N function (N≤8)
适配接收器 Adapter receiver	TCR-R500 标配 Standard configuration TCR-R100、TCR-R300 定制 Customization
适配电池 Adapter battery	3节5号干电池或AA镍氢电池 3 No. 5 dry batteries or AA NiMH batteries
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz，等 （The above main frequencies and others）

≈350g 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

产品认证 Certification

TCT-B16FK





IP65 | 防护等级 Protection Level

操作元件 Operating elements	≤10个双速按键；1个急停开关；1块LCD ≤10 dual-speed buttons; 1 emergency stop switch; 1 LCD
标配功能 Standard functions	智能钥匙；自动关机；开机访问码 Smart key; automatic shutdown; power-on access code
选配功能 Optional functions	身份识别卡；1对N功能；N对1功能；N对N功能（N≤8） ID card; 1 to N function; N to 1 function; N to N function (N≤8)
适配接收器 Adapter receiver	TCR-R500、TCR-R510 标配 Standard configuration TCR-R100、TCR-R300 定制 Customization
适配电池 Adapter battery	3节5号干电池或AA镍氢电池 3 No. 5 dry batteries or AA NiMH batteries
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz，等 （The above main frequencies and others）

≈360g 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

产品认证 Certification

TCT-B08 BT/S

IP66 防护等级 Protection Level





操作元件 Operating elements	≤8个双速按键；≤1个旋转开关；≤1个电位器；1个急停开关 ≤8 dual-speed buttons; ≤1 rotary switches; ≤1 potentiometer; 1 emergency stop switch
标配功能 Standard functions	智能钥匙；OLED显示；自动关机；按键自检；参数设定；开机访问码 smart key; OLED display; automatic shutdown; button self-test; parameter setting; power-on access code
选配功能 Optional functions	身份识别卡；N对N功能（N≤8）；OLED反馈 ID card; N to N function (N≤8); OLED feedback
适配接收器 Adapter receiver	TCR-R100；TCR-R300；TCR-R500；TCR-R510；TCR-R730；TCR-R740；TCR-R800
适配电池 Adapter battery	Li2400
工作频率 Operating frequency	416MHz-419MHz（S）；433MHz-434MHz（S） 2.4GHz（BT），等 (The above main frequencies and others)

≈360g 重量 Weight	-25°C ~ +70°C 工作温度 Operating temperature	工程塑料 Engineering plastic	产品认证 Certification

TCT-B16 BT/S

IP66 防护等级 Protection Level





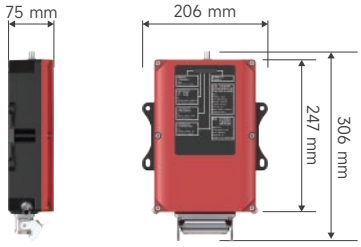
操作元件 Operating elements	≤10个双速按键；≤3个旋转开关；≤1个电位器；1个急停开关 ≤10 dual-speed buttons; ≤3 rotary switches; ≤1 potentiometer; 1 emergency stop switch
标配功能 Standard functions	智能钥匙；OLED显示；自动关机；按键自检；参数设定；开机访问码 smart key; OLED display; automatic shutdown; button self-test; parameter setting; power-on access code
选配功能 Optional functions	身份识别卡；N对N功能（N≤8）；OLED反馈 ID card; N to N function (N≤8); OLED feedback
适配接收器 Adapter receiver	TCR-R100；TCR-R300；TCR-R500；TCR-R510；TCR-R730；TCR-R740；TCR-R800
适配电池 Adapter battery	Li2400
工作频率 Operating frequency	416MHz-419MHz（S）；433MHz-434MHz（S） 2.4GHz（BT），等 (The above main frequencies and others)

≈420g 重量 Weight	-25°C ~ +70°C 工作温度 Operating temperature	工程塑料 Engineering plastic	产品认证 Certification

TCT-B08FIX

IP65 防护等级 Protection Level





操作元件及功能 Operating elements and functions	≤10个开关量输入；≤10个功能继电器；1组急停继电器；1路CAN总线；2路模拟量输入输出 ≤10 switch inputs; ≤10 functional relays; 1 set of emergency stop relays; 1 CAN bus; 2 analog input and output
标配功能 Standard functions	单向通信 one-way communication
选配功能 Optional functions	1对N功能；N对1功能；N对N功能（N≤8）；双向通信 1 to N function; N to 1 function; N to N function (N≤8); two-way communication
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；2.4GHz，等 （The above main frequencies and others）
通信距离 Communication distance	≥100m
工作电压 Operating voltage	42-240V AC; 10-30V DC；220/380V AC

KG ≈2kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

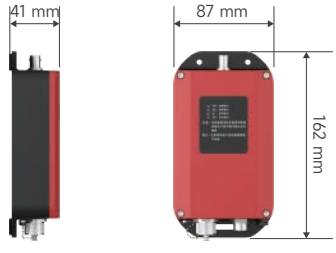
工程塑料 Engineering plastic

CE FC 产品认证 Certification

TCT-Mini-FIX

IP66 防护等级 Protection Level





操作元件及功能 Operating elements and functions	1路CAN总线、自主跳频 1 CAN bus, autonomous frequency hopping
标配功能 Standard functions	工业级无线数据双向透传，同时兼容CAN标准帧和扩展帧 Industrial-grade wireless data bidirectional transparent transmission, compatible with CAN standard frames and extended frames
选配功能 Optional functions	客户可自主变更CAN报文地址、报文长度 Customers can change the CAN message address and message length independently
工作频率 Operating frequency	2.4G
通信距离 Communication distance	≥100m
工作电压 Operating voltage	10-30V DC

KG ≈260g 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

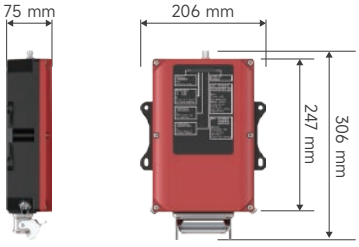
工程塑料 Engineering plastic

CE FC 产品认证 Certification

TCT-B16 FIX

IP65 防护等级 Protection Level





操作元件及功能 Operating elements and functions	≤20个开关量输入；2路急停控制开关；1路CAN总线；2路模拟量输入 ≤20 switch inputs; 2 emergency stop switch; 1 CAN bus; 2 analog input
标配功能 Standard functions	单向通信 one-way communication
选配功能 Optional functions	1对N功能；N对1功能；N对N功能（N≤8）； 1 to N function; N to 1 function; N to N function (N≤8);
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz； 2.4GHz，等（The above main frequencies and others）
通信距离 Communication distance	≥100m
工作电压 Operating voltage	42-240V AC; 10-30V DC；220/380V AC

≈2kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

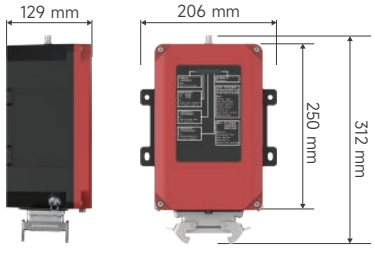
工程塑料 Engineering plastic

CE FC 产品认证 Certification

TCR-R800 FIX

IP65 防护等级 Protection Level





操作元件及功能 Operating elements and functions	支持多种总线：CANBUS，ProfiBUS-DP，ProfiNet，DeviceNet；支持开关量、模拟量的输入输出 Supports multiple buses: CANBUS, ProfiBUS-DP, ProfiNet, DeviceNet; supports input and output of switching and analog quantities
标配功能 Standard functions	总线双向数据透传 Bus bidirectional data transparent transmission
选配功能 Optional functions	总线通信定制开发，开关量、模拟量的双向通信 Customized development of bus communication, bidirectional communication of switch and analog signals
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；905MHz-928MHz； 2.4GHz，等（The above main frequencies and others）
通信距离 Communication distance	≥100 m
工作电压 Operating voltage	10~30V DC；100-240V AC

≈2.5kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

CE FC 产品认证 Certification

TCT-C 系列 Series

- 坚固、耐用、防尘防水符合人体工程设计
  Strong, durable, dustproof and waterproof, ergonomic design
- 双CPU编解码，保证数据通信可靠
  Dual CPU codec to ensure reliable data communication
- 精心设计摇杆，寿命达100万次
  Well-designed joystick, life of 1 million times
- 智能钥匙，完美后备工作能力
  Smart key, perfect backup capability
- 实时主动控制，符合欧盟标准
  Real-time active control, in line with EU standards
- 高达60路IO输入，10路比例量输入
  Up to 60 IO inputs, 10 proportional inputs
- 可选的总线输出类型，可自定义反馈内容
  Optional bus output type, customizable feedback content



TCT-C18

IP65 防护等级 Protection Level





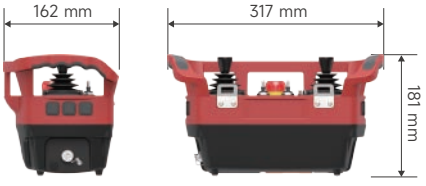
操作元件 Operating elements	≤2个万向摇杆；≤4个侧键开关；1个急停开关；多个钮子开关；旋转开关；按键开关等。 ≤2 universal rockers; ≤4 side switches; 1 emergency stop switch; multiple toggle switches; rotary switch; push button switch, etc.
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机；2.2寸显示屏；有线控制；指纹识别 ID card; N to N function (N ≤ 8); collision shutdown; tilt shutdown; weightlessness shutdown; 2.2-inch display; wired control; fingerprint recognition
适配接收器 Adapter receiver	TCR-R700
适配电池 Adapter battery	Li3600; Li2800S; BN2100
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；905MHz-928MHz；2.4GHz，等（The above main frequencies and others）

≈1.4kg 重量 Weight	-25°C ~ +70°C 工作温度 Operating temperature	工程塑料 Engineering plastic	产品认证 Certification

TCT-C26

IP65 防护等级 Protection Level





操作元件 Operating elements	≤2个万向摇杆；≤6个侧键开关；1个急停开关；多个钮子开关；旋转开关；按键开关；电位器等 ≤2 universal joysticks; ≤6 side key switches; 1 emergency stop switch; multiple toggle switches; rotary switch; push button switch; potentiometer, etc.
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机；2.2寸显示屏；有线控制；指纹识别 ID card; N to N function (N ≤ 8); collision shutdown; tilt shutdown; weightlessness shutdown; 2.2-inch display; wired control; fingerprint recognition
适配接收器 Adapter receiver	TCR-R700
适配电池 Adapter battery	Li3600；Li2800S；BN2100
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；905MHz-928MHz；2.4GHz，等（The above main frequencies and others）

KG ≈1.4kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

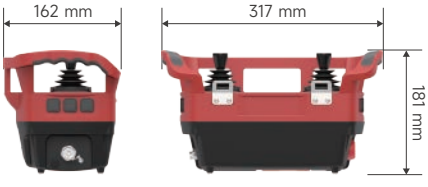
工程塑料 Engineering plastic

CE FC 产品认证 Certification

TCT-C32

IP65 防护等级 Protection Level





操作元件 Operating elements	≤3个万向摇杆；≤6个侧键开关；1个急停开关；多个钮子开关；旋转开关；按键开关；电位器等 ≤3 universal joysticks; ≤6 side key switches; 1 emergency stop switch; multiple toggle switches; rotary switch; push button switch; potentiometer, etc.
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机；显示屏（2.2寸、4.0寸）；有线控制；面板照明；指纹识别 ID card; N to N function (N≤8); collision shutdown; tilt shutdown; weightlessness shutdown; display（2.2、4.0-inch）; wired control; panel lighting; fingerprint recognition
适配接收器 Adapter receiver	TCR-R310;TCR-R700~740
适配电池 Adapter battery	Li3600；Li2800S；BN2100
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；905MHz-928MHz；2.4GHz，等（The above main frequencies and others）

KG ≈2kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

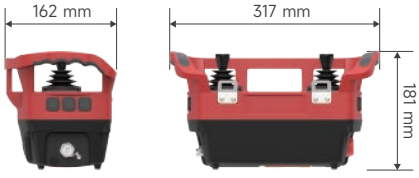
工程塑料 Engineering plastic

CE FC 产品认证 Certification

TCT-C64

IP65 防护等级 Protection Level





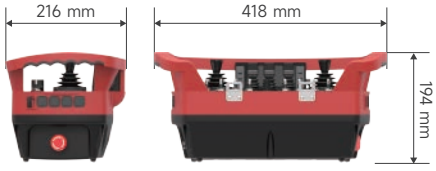
操作元件 Operating elements	≤3个万向摇杆；≤6个侧键开关；1个急停开关；多个钮子开关；旋转开关；按键开关等 ≤3 universal joysticks; ≤6 side key switches; 1 emergency stop switch; multiple toggle switches; rotary switch; push button switch, etc.
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机；显示屏（2.2寸、4.0寸、5.0寸）；有线控制；面板照明；视频监控；指纹识别 ID card; N to N function (N ≤ 8); collision shutdown; tilt shutdown; weightlessness shutdown; 2.2-inch display; 4.0-inch display; 5.0-inch display; wired control; panel lighting; video monitoring; fingerprint recognition
适配接收器 Adapter receiver	TCR-R100；TCR-R310；TCR-R700~740；TCR-R800
适配电池 Adapter battery	Li3600；Li2800S；BN2100
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；905MHz-928MHz；2.4GHz，等（The above main frequencies and others）

≈2.2kg	-25°C ~ +70°C	工程塑料	产品认证
重量 Weight	工作温度 Operating temperature	Engineering plastic	Certification

TCT-C80

IP65 防护等级 Protection Level





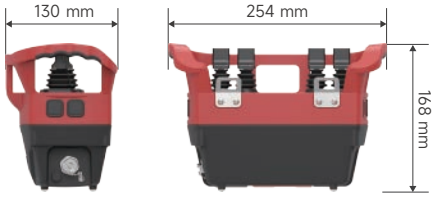
操作元件 Operating elements	≤4个万向摇杆或≤10路比例摇杆；≤8个侧键开关；1个急停开关；多个钮子开关；旋转开关；按键开关等 ≤4 universal joysticks or ≤10-way proportional joysticks; ≤8 side key switches; 1 emergency stop switch; multiple toggle switches; rotary switch; push button switch, etc.
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机；显示屏（2.2寸、4.0寸、5.0寸）；有线控制；面板照明；视频监控；指纹识别 ID card; N to N function (N ≤ 8); collision shutdown; tilt shutdown; weightlessness shutdown; 2.2-inch display; 4.0-inch display; 5.0-inch display; wired control; panel lighting; video monitoring; fingerprint recognition
适配接收器 Adapter receiver	TCR-R100；TCR-R310；TCR-R700~740；TCR-R800
适配电池 Adapter battery	Li3600；Li2800S；BN2100
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；905MHz-928MHz；2.4GHz，等（The above main frequencies and others）

≈3kg	-25°C ~ +70°C	工程塑料	产品认证
重量 Weight	工作温度 Operating temperature	Engineering plastic	Certification

TCT-C4X

IP65 防护等级 Protection Level





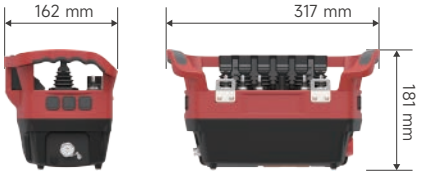
操作元件 Operating elements	≤4路比例摇杆；≤4个侧键开关；1个急停开关；多个钮子开关；旋转开关；按键开关等 ≤4-way proportional rocker; ≤4 side key switches; 1 emergency stop switch; multiple toggle switches; rotary switch; push switch, etc.
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机；2.2寸显示屏；有线控制 ID card; N to N function (N≤8); collision shutdown; tilt shutdown; weightlessness shutdown; 2.2-inch display; wired control
适配接收器 Adapter receiver	TCR-R100；TCR-R310；TCR-R710
适配电池 Adapter battery	Li3600；Li2800S；BN2100
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；905MHz-928MHz；2.4GHz，等 (The above main frequencies and others)

≈1.4kg	-25°C ~ +70°C	工程塑料	产品认证
重量 Weight	工作温度 Operating temperature	Engineering plastic	Certification

TCT-C6X

IP65 防护等级 Protection Level





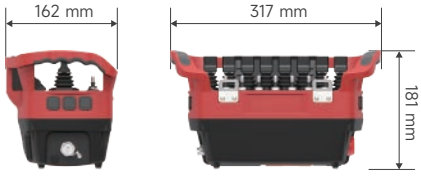
操作元件 Operating elements	≤6路比例摇杆；≤6个侧键开关；1个急停开关；多个钮子开关；旋转开关；按键开关等 ≤6-way proportional rocker; ≤6 side key switches; 1 emergency stop switch; multiple toggle switches; rotary switch; push switch, etc.
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机；显示屏（2.2寸、4.0寸、5.0寸）；有线控制；面板照明；视频监控；指纹识别 ID card; N to N function (N ≤ 8); collision shutdown; tilt shutdown; weightlessness shutdown; 2.2-inch display; 4.0-inch display; 5.0-inch display; wired control; panel lighting; video monitoring; fingerprint recognition
适配接收器 Adapter receiver	TCR-R100；TCR-R310；TCR-R700~740；TCR-R800
适配电池 Adapter battery	Li3600；Li2800S；BN2100
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；905MHz-928MHz；2.4GHz，等 (The above main frequencies and others)

≈2kg	-25°C ~ +70°C	工程塑料	产品认证
重量 Weight	工作温度 Operating temperature	Engineering plastic	Certification

TCT-C8X

IP65 防护等级 Protection Level





操作元件 Operating elements	≤8路比例摇杆；≤6个侧键开关；1个急停开关；多个钮子开关；旋转开关；按键开关等 ≤8-way proportional rocker; ≤6 side key switches; 1 emergency stop switch; multiple toggle switches; rotary switch; push switch, etc.
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机显示屏（2.2寸、4.0寸、5.0寸）；有线控制；面板照明；视频监控；指纹识别 ID card; N to N function (N ≤ 8); collision shutdown; tilt shutdown; weightlessness shutdown; 2.2-inch display; 4.0-inch display; 5.0-inch display; wired control; panel lighting; video monitoring; fingerprint recognition
适配接收器 Adapter receiver	TCR-R100；TCR-R310；TCR-R700~740；TCR-R800
适配电池 Adapter battery	Li3600；Li2800S；BN2100
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；905MHz-928MHz；2.4GHz，等（The above main frequencies and others）

≈2.2kg	-25°C ~ +70°C	工程塑料	产品认证
重量 Weight	工作温度 Operating temperature	Engineering plastic	Certification

可选配显示屏
Optional display screen



2.2寸显示屏 2.2-inch



2.8寸显示屏 2.8-inch



4.0寸显示屏 4.0-inch



5.0寸触摸显示屏 5.0-inch



7.0寸触摸显示屏 7.0-inch



8.0寸触摸显示屏 8.0-inch

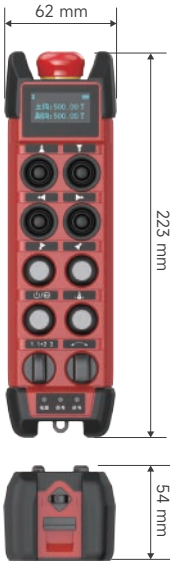
TCT-D 系列 Series

- 多种特色开关可选择
  A variety of special switches to choose from
- 双色注塑,抗震防摔
  Dual-color injection molding, shock-resistant and drop-proof
- 高防护等级,直面雨水、油污,选配跌落自由关机
  High protection level, facing rain and oil, optional drop-free shutdown
- 5200mAh大容量锂电池
  5200mAh large-capacity lithium battery
- 单次充电工作60小时以上
  Single charge works for more than 60 hours
- LCD显示屏，阳光下可见
  LCD display, visible in the sun



TCT-D16





IP66 防护等级 Protection Level

操作元件 Operating elements	按键+旋钮+摇杆；最多2路旋转开关；最多8路模拟量输出（摇杆型）+1路电位器模拟量输出；最多10路按键 Button + knob + rocker; up to 2 rotary switches; up to 8 analog outputs (rocker type) + 1 potentiometer analog output; up to 10 buttons
标配功能 Standard functions	智能钥匙；LCD显示；自动关机 smart key; LCD display; automatic shutdown
选配功能 Optional functions	身份识别卡；LCD反馈 ID card; LCD feedback
适配接收器 Adapter receiver	TCR-R100；TCR-R300；TCR-R500；TCR-510；TCR-R730；TCR-R740；TCR-R800
适配电池 Adapter battery	Li5200
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz，等 (The above main frequencies and others)

≈600g 重量 Weight	-25°C ~ +70°C 工作温度 Operating temperature	工程塑料 Engineering plastic	产品认证 Certification

TCT-E10 Z

IP66 防护等级 Protection Level





操作元件 Operating elements	2个万向摇杆；15个单档按键；1个急停开关 2 universal joysticks; 15 single-shift buttons; 1 emergency stop switch
标配功能 Standard functions	LCD显示（支持二次开发）；自动关机 LCD display（support secondary development）; automatic shutdown
适配接收器 Adapter receiver	TCR-R100；TCR-R300
适配电池 Adapter battery	Li3600；Li2800S
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；2.4GHz，等 (The above main frequencies and others)

KG ≈800g 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

CE FC 产品认证 Certification

TCT-E20

IP66 防护等级 Protection Level





操作元件 Operating elements	≤20个单档按键（带指示灯）；1个急停开关 ≤20 single-shift buttons (with indicator lights); 1 emergency stop switch
标配功能 Standard functions	自动关机 Standard function: automatic shutdown
选配功能 Optional functions	1对N功能；N对1功能；N对N功能（N≤8） 1 to N function; N to 1 function; N to N function (N≤8)
适配接收器 Adapter receiver	TCR-R100；TCR-R300；TCR-R500；TCR-R700
适配电池 Adapter battery	Li3600；Li2800S
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；2.4GHz，等 (The above main frequencies and others)

KG ≈600g 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

CE FC 产品认证 Certification

可选配件
Optional accessories

电池参数
Battery parameters

	BN2100	Li3600	Li2800S
			
	镍氢电池 NiMH battery	锂电池 Lithium battery	❄ 锂电池 Lithium battery
标称容量 Battery capacity	2100mAh	3600mAh	2800mAh
标称电压 Voltage	6.0 V	7.4 V	7.2 V
充电温度 Charging temperature	0°C ~ +40 °C	0°C ~ +45 °C	0°C ~ +45 °C
工作温度 Operating temperature	-20°C ~ +50 °C	-20°C ~ +60 °C	❄ -40°C ~ +60 °C
存储温度 Storage temperature	-20°C ~ +50 °C	-10°C ~ +45 °C	❄ -40°C ~ +60 °C

	Li2400	Li2800Ex	Li14000	Li4200Ex
				
	锂电池 Lithium battery	锂电池 Lithium battery	锂电池 Lithium battery	锂电池 Lithium battery
	2400mAh	2800mAh	14000mAh	4200mAh
	3.7 V	3.7 V	3.65 V	3.7 V
	0°C ~ +45 °C	0°C ~ +45 °C	0°C ~ +45 °C	0°C ~ +45 °C
	-20°C ~ +60 °C	-20°C ~ +60 °C	-20°C ~ +60 °C	-20°C ~ +60 °C
	-20°C ~ +60 °C	-20°C ~ +60 °C	-20°C ~ +60 °C	-20°C ~ +60 °C

电池充电器
Battery charger

	L0L02S	L0L03P	L0N5D/A	L0N5A-4
				
适用对象 Applicable objects	Li3600 / Li2800S	Li2400	BN2100	B08、B12、B16 B20、B16FK
输入电压 Input voltage	10-30V DC	10-30V DC	12-30V DC 100-240V AC	100-240V AC
工作温度 Operating temperature	0°C ~ +40 °C	0°C ~ +45 °C	0°C ~ +40 °C	0°C ~ +45 °C

安全固定带
Safety harness


肩带
Shoulder straps


腰带
Waist belts

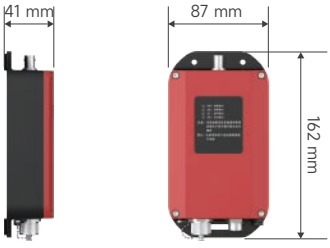

双肩背带
Backpack straps

TCR-R100

原型号/Former model: TCR-Mini

IP66 防护等级 Protection Level





控制功能 Control function	1组急停继电器；≤2路CAN总线通信；1路RS 485(RTU) 1 set of emergency stop relay; ≤2 CAN bus communications; 1 RS 485 (RTU)
继电器容量 Relay capacity	5A 250VAC
选配功能 Optional functions	1对N功能；N对1功能；N对N功能（N≤8）；数据记录仪；有线控制 1 to N function; N to 1 function; N to N function (N≤8); data logger; wired control
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；470MHz-495MHz； 2.4GHz，等 (The above main frequencies and others)
支持协议 Support protocols	CAN2.0，CANOPEN，Modbus RS485 RTU总线 CAN2.0, CANOPEN, Modbus RS485 RTU bus
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC
额定功率 Rated power	≤6W

≈260g 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

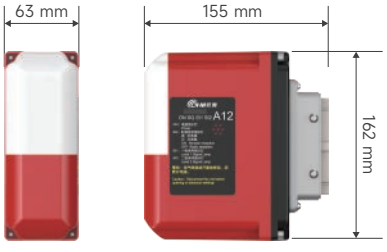
产品认证 Certification

TCR-R200

原型号/Former model: TCR-A12

IP65 防护等级 Protection Level





控制功能 Control function	≤12个功能继电器；1组急停继电器 ≤12 functional relays; 1 set of emergency stop relay
继电器容量 Relay capacity	5A 250VAC
选配功能 Optional functions	1对2功能；2对1功能；2对2功能 1 to 2 function; 2 to 1 function; 2 to 2 function
工作频率 Operating frequency	430MHz-433MHz；475MHz-495MHz；2.4GHz，等 (The above main frequencies and others)
通信距离 Communication distance	≥80 m
工作电压 Working voltage	10~30V DC；48V/220V/230V AC
额定功率 Rated power	≤6W

≈750g 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

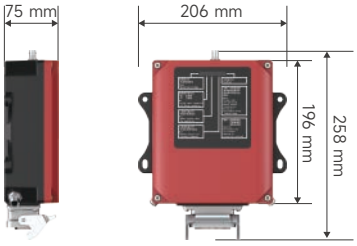
产品认证 Certification

TCR-R300

原型号/Former model: TCR-B08

IP65 防护等级 Protection Level





控制功能 Control function	≤12个功能继电器；1组急停继电器；1路CAN总线 ≤12 functional relays; 1 set of emergency stop relays; 1 CAN bus
继电器容量 Relay capacity	5A 250VAC（功能继电器）；8A 250VAC（急停继电器） 5A 250VAC (functional relay); 8A 250VAC (emergency stop relay)
选配功能 Optional functions	1对N功能；N对1功能；N对N功能（N≤8）；数据记录仪 1 to N function; N to 1 function; N to N function (N≤8); data logger
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；2.4GHz，等 （The above main frequencies and others）
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC；42-240V AC；220/380V AC
额定功率 Rated power	≤6W

KG ≈1.4Kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

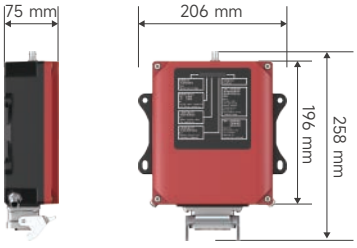
CE FC 产品认证 Certification

TCR-R310

原型号/Former model: TCR-C64; TCR-C80; TCR-C4X; TCR-C6X; TCR-C8X

IP65 防护等级 Protection Level





控制功能 Control function	≤10路功能继电器；1组急停继电器；≤2路CAN总线通信 ≤10 functional relays; 1 set of emergency stop relays; ≤2 CAN bus communications
继电器容量 Relay capacity	8A 250VAC
选配功能 Optional functions	1路DeviceNet总线；N对N功能（N≤8）；数据记录仪；有线控制 1 DeviceNet bus; N to N function (N≤8); data logger; wired control
工作频率 Operating frequency	416MHz-419MHz；430MHz-434MHz；905MHz-928MHz；2.4GHz，等 （The above main frequencies and others）
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC；42-240V AC
额定功率 Rated power	≤6W

KG ≈1.4kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

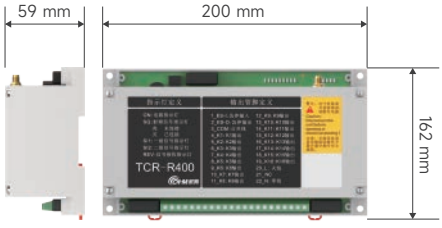
CE FC 产品认证 Certification

TCR-R400

原型号/Former model: TCR-DK16

IP66 防护等级 Protection Level





控制功能 Control function	≤16个功能继电器；1组急停继电器 ≤16 functional relays; 1 set of emergency stop relay
继电器容量 Relay capacity	5A 250VAC（功能继电器）；8A 250VAC（急停继电器） 5A 250VAC (functional relay); 8A 250VAC (emergency stop relay)
选配功能 Optional functions	1对2功能；2对1功能；2对2功能 1 to 2 function; 2 to 1 function; 2 to 2 function
工作频率 Operating frequency	430MHz-433MHz；475MHz-495MHz，等 （The above main frequencies and others）
通信距离 Communication distance	≥80 m
工作电压 Working voltage	42-240V AC
额定功率 Rated power	≤6W

KG ≈800g 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

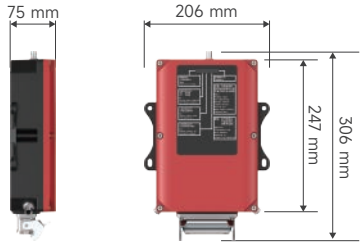
CE FC 产品认证 Certification

TCR-R500

原型号/Former model: TCR-B12；TCR-B16；TCR-B20

IP65 防护等级 Protection Level





控制功能 Control function	≤20个功能继电器；1组急停继电器 ≤20 functional relays; 1 set of emergency stop relay
继电器容量 Relay capacity	5A 250VAC（功能继电器）；8A 250VAC（急停继电器） 5A 250VAC (functional relay); 8A 250VAC (emergency stop relay)
选配功能 Optional functions	1对N功能；N对1功能；N对N功能（N≤8）；数据记录仪 1 to N function; N to 1 function; N to N function (N≤8); data logger
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz，等 （The above main frequencies and others）
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC；42-240V AC；220/380V AC
额定功率 Rated power	≤6W

KG ≈2kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

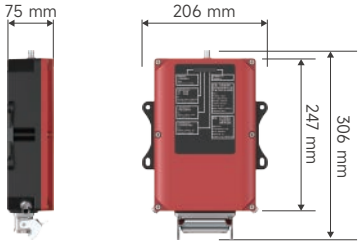
CE FC 产品认证 Certification

TCR-R510

原型号/Former model: TCR-B16FK

IP65 防护等级 Protection Level





控制功能 Control function	≤16个功能继电器；1组急停继电器；2路模拟量输入、输出；4路开关量输入 ≤16 functional relays; 1 set of emergency stop relays; 2 analog input and output; 4 digital inputs
继电器容量 Relay capacity	5A 250VAC/30VDC（阻性负载） 5A 250VAC/30VDC (resistive load)
选配功能 Optional functions	1对N功能；N对1功能；N对N功能（N≤8）；数据记录仪 1 to N function; N to 1 function; N to N function (N≤8); data recorder
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；2.4GHz，等 （The above main frequencies and others）
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC；42-240V AC；220/380V AC
额定功率 Rated power	≤6W

≈2Kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

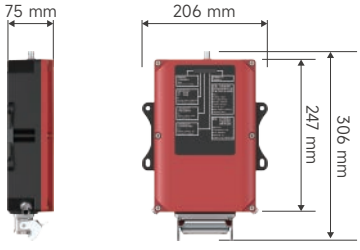
产品认证 Certification

TCR-R520

原型号/Former model: TCS-B08FIX

IP65 防护等级 Protection Level





控制功能 Control function	≤10个开关量输入；≤10个功能继电器；1组急停继电器；1路CAN总线；2路模拟量输入输出 ≤10 digital inputs; ≤10 function relays; 1 set of emergency stop relays; 1 CAN bus; 2 analog input and output
标配功能 Relay capacity	单向通信 one-way communication
选配功能 Standard function	1对N功能；N对1功能；N对N功能（N≤8）；双向通信 1 to N function; N to 1 function; N to N function (N≤8); two-way communication
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；2.4GHz，等 （The above main frequencies and others）
通信距离 Communication distance	≥100 m
工作电压 Working voltage	42-240V AC；10-30V DC；220/380 V AC
额定功率 Rated power	≤6W

≈2kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

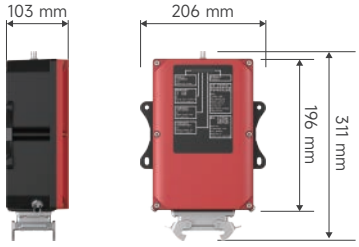
产品认证 Certification

TCR-R700

原型号/Former model: TCR-C18；TCR-C26；TCR-C32；TCR-C64

IP65 防护等级 Protection Level





控制功能 Control function	≤32个功能继电器；1组急停继电器 ≤32 functional relays; 1 set of emergency stop relays
继电器容量 Relay capacity	5A 250VAC（功能继电器）；8A 250VAC（急停继电器） 5A 250VAC (functional relay); 8A 250VAC (emergency stop relay)
选配功能 Optional functions	4路模拟量输出（0-10V或0-20mA）；1对N功能；N对1功能；N对N功能（N≤8）；数据记录仪；有线控制；CAN总线 4 analog outputs (0-10V or 0-20mA); 1 to N function; N to 1 function; N to N function (N≤8); data logger; wired control; CAN bus
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz；2.4GHz，等 （The above main frequencies and others）
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC；42-240V AC；220/380V AC
额定功率 Rated power	≤10W

≈2.5kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

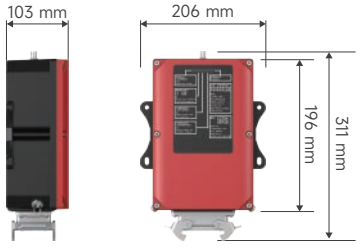
产品认证 Certification

TCR-R710

原型号/Former model: TCR-C4X；TCR-C6X；TCR-C8X

IP65 防护等级 Protection Level





控制功能 Control function	≤19个功能继电器；1组急停继电器；≤8*2路PWM通道；2路模拟量输出（0-10V或0-20mA） ≤19 functional relays; 1 set of emergency stop relays; ≤8*2 PWM channels; 2 analog outputs (0-10V or 0-20mA)
继电器容量 Relay capacity	5A 250VAC（功能继电器）；8A 250VAC（急停继电器） 5A 250VAC (functional relay); 8A 250VAC (emergency stop relay)
选配功能 Optional functions	≤8路开关量输入；≤2路模拟量输入；1对N功能；N对1功能；N对N功能（N≤8）；数据记录仪；有线控制；CAN总线 ≤8 digital inputs; ≤ 2 analog inputs; 1 to N function; N to 1 function; N to N function (N≤8); data recorder; wired control; CAN bus
工作频率 Operating frequency	416MHz-419MHz；430MHz-434MHz；905MHz-928MHz；2.4GHz，等（The above main frequencies and others）
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC；42-240V AC；220/380V AC
额定功率 Rated power	≤10W

≈2.5kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

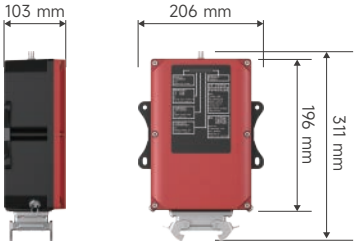
产品认证 Certification

TCR-R720

原型号/Former model: TCR-C64；TCR-C80；TCR-C4X；TCR-C6X；TCR-C8X

IP65 防护等级 Protection Level





控制功能 Control function	≤19路功能继电器；1组急停继电器；1路ProfiBus-DP通信 ≤19 functional relays; 1 set of emergency stop relays; 1 ProfiBus-DP communication
继电器容量 Relay capacity	5A 250VAC（功能继电器）；8A 250VAC（急停继电器） 5A 250VAC (functional relay); 8A 250VAC (emergency stop relay)
选配功能 Optional functions	≤8路开关量输入；≤2路模拟量输入；1对N功能；N对1功能；N对N功能（N≤8）；数据记录仪；有线控制 ≤8 digital inputs; ≤ 2 analog inputs; 1 to N function; N to 1 function; N to N function (N≤8); data recorder; wired control
工作频率 Operating frequency	416MHz-419MHz；430MHz-434MHz；905MHz-928MHz；2.4GHz，等 (The above main frequencies and others)
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC；42-240V AC；220/380V AC
额定功率 Rated power	≤6W

≈2.5kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

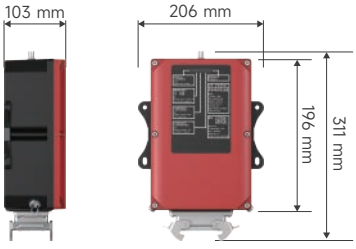
CE FC 产品认证 Certification

TCR-R730

原型号/Former model: TCR-C64；TCR-C80；TCR-C4X；TCR-C6X；TCR-C8X

IP65 防护等级 Protection Level





控制功能 Control function	≤19路功能继电器；1组急停继电器；1路ProfiNet通信；1路EtherNet通信 ≤19 function relays; 1 emergency stop relay; 1 ProfiNet communication; 1 EtherNet communication
继电器容量 Relay capacity	5A 250VAC（功能继电器）；8A 250VAC（急停继电器） 5A 250VAC (functional relay); 8A 250VAC (emergency stop relay)
选配功能 Optional functions	≤8路开关量输入；≤2路模拟量输入；1对N功能；N对1功能；N对N功能（N≤8）；数据记录仪；有线控制 ≤8 digital inputs; ≤ 2 analog inputs; 1 to N function; N to 1 function; N to N function (N≤8); data recorder; wired control
工作频率 Operating frequency	416MHz-419MHz；430MHz-434MHz；905MHz-928MHz；2.4GHz，等 (The above main frequencies and others)
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC；42-240V AC；220/380V AC
额定功率 Rated power	≤6W

≈2.5kg 重量 Weight

-25°C ~ +70°C 工作温度 Operating temperature

工程塑料 Engineering plastic

CE FC 产品认证 Certification

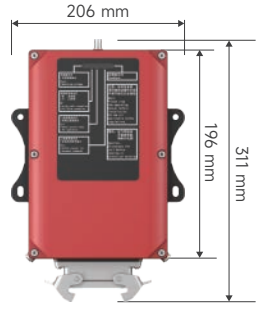
TCR-R740

原型号/Former model: TCR-C64；TCR-C80；
TCR-C6X；TCR-C8X

IP65 防护等级 Protection Level







≈2.5kg
重量
Weight

-25°C ~ +70°C
工作温度
Operating temperature

工程塑料
Engineering plastic

产品认证
Certification

控制功能 Control function	≤49个功能继电器；1组急停继电器；2路模拟量输出（0-10V或0-20mA）；1路CAN总线 ≤49 functional relays; 1 set of emergency stop relays; 2 analog outputs (0-10V or 0-20mA); 1 CAN bus
继电器容量 Relay capacity	5A 250VAC
选配功能 Optional functions	≤8路开关量输入；≤2路模拟量输入；1对N功能；N对1功能；N对N功能（N≤8）；数据记录仪；有线控制 ≤8 digital inputs; ≤ 2 analog inputs; 1 to N function; N to 1 function; N to N function (N≤8); data recorder; wired control
工作频率 Working frequency	416MHz-419MHz；430MHz-434MHz；905MHz-928MHz；2.4GHz，等 (The above main frequencies and others)
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC；42-240V AC；220/380V AC
额定功率 Rated power	≤10W
连接方式 Connection method	重载连接器HAN32/HAN50 Heavy-duty connector HAN32/HAN50

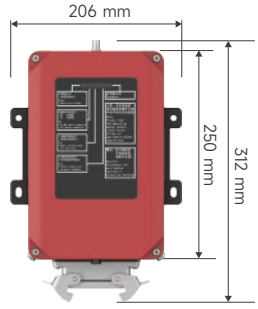
TCR-R800

原型号/Former model: TCR-N+；TCR-C64；TCR-C80；TCR-C6X；TCR-C8X

IP65 防护等级 Protection Level







≈2.5kg	-25°C ~ +70°C	工程塑料	产品认证
重量 Weight	工作温度 Operating temperature	Engineering plastic	Certification

控制功能 Control function	≤4路继电器输出；1组急停输出；2路CAN总线通信；另外可从下方功能板中再任意安装其中至多4块功能板 ≤4 relay outputs; 1 set of emergency stop output; 2 CAN bus communications; in addition, up to 4 function boards can be installed from the function board below 继电器板：≤10路继电器输出；模拟量板：≤6路模拟量输出（-10~+18V的任意输出） 反馈板：≤8路开关量输入；≤4路模拟量输入；PWM板：≤8路PWM输出；≤2路模拟量输出（0-10V；0-20mA） 总线板：DeviceNet；ProfiNet；EtherNet；ProfiBus-DP Relay board: ≤10 relay outputs; Analog board: ≤6 analog outputs (-10~+18V any output); Feedback board: ≤8 digital inputs; ≤4 analog inputs PWM board: ≤8 PWM outputs; ≤2 analog outputs (0-10V; 0-20mA); Bus board: DeviceNet; ProfiNet; EtherNet; ProfiBus-DP
继电器容量 Relay capacity	5A 250VAC
选配功能 Optional functions	小欧助手；云平台；1对N功能；N对1功能；N对N功能（N≤8）；数据记录仪；有线控制 Xiaoou assistant; cloud platform; 1 to N function; N to 1 function; N to N function (N≤8); data logger; wired control
工作频率 Working frequency	416MHz-419MHz；430MHz-434MHz；905MHz-928MHz；2.4GHz，等 (The above main frequencies and others)
通信距离 Communication distance	≥100 m
工作电压 Working voltage	10~30V DC；100-240V AC
额定功率 Rated power	≤30W
连接方式 Connection method	重载连接器HAN32/HAN50 Heavy-duty connector HAN32/HAN50

FYF 100(A)

*防爆标志 / Explosion proof signs:
Ex ia I Ma、Ex ib IIC T4 Gb、Ex ib IIIC T130°C Db

IP66 防护等级 Protection Level



操作元件 Operating elements	21个按键；1个急停开关 21 buttons; 1 emergency stop switch
标配功能 Standard functions	操作反馈（1.5寸LCD显示屏） operation feedback（1.5-inch LCD display）
选配功能 Optional functions	1对1功能； 1 to 1 function
适配接收器 Adapter receiver	FYS100(D)
适配电池 Adapter battery	2节5号专用电池 2 AA batteries
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz

KFH260023 MFA210063

≈320g 重量 Weight

0°C ~ +40°C 工作温度 Operating temperature

防静电工程塑料 Anti-static Engineering plastic

产品认证 Certification

FYF 100(B)

*防爆标志/Explosion proof signs：Ex ia I Ma

IP65 防护等级 Protection Level



操作元件 Operating elements	2个万向摇杆；6个侧键开关；1个急停开关；多个钮子开关；1个旋转开关 2 universal rockers; 6 side switches; 1 emergency stop switch; multiple toggle switches; 1 rotary switch
标配功能 Standard functions	智能钥匙；自动关机 Smart key; Automatic shutdown
选配功能 Optional functions	身份识别卡；1对N功能；N对1功能；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机 ID card; 1 to N function; N to 1 function; N to N function (N≤8); collision shutdown; tilt shutdown; weightlessness shutdown
适配接收器 Adapter receiver	FYS100(D)；FYS100(E)
适配电池 Adapter battery	Li2800Ex
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz

KFH260012 MFA210062

≈2.5kg 重量 Weight

0°C ~ +40°C 工作温度 Operating temperature

防静电工程塑料 Anti-static Engineering plastic

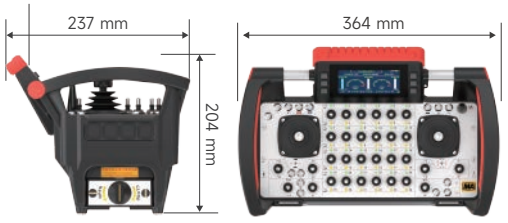
产品认证 Certification

FYF 100(C)

*防爆标志 / Explosion proof signs:
Ex ia I Ma、Ex ib IIC T4 Gb、Ex ib IIIC T130°C Db

IP67 防护等级 Protection Level





操作元件 Operating elements	4.0寸显示屏；2个万向摇杆；8个侧键开关； 1个急停开关；多钮子开关；多个反馈指示灯 4.0-inch display; 2 universal joysticks; 8 side switch; 1 emergency stop switch; multi-button switch; multiple feedback indicator lights
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；1对N功能；N对1功能；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机 ID card; 1 to N function; N to 1 function; N to N function (N≤8); collision shutdown; tilt shutdown; weightlessness shutdown
适配接收器 Adapter receiver	FYS100(D)；FYS100(E)
适配电池 Adapter battery	Li4200Ex
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz

KA MA Ex
***　MFA210064

≈3.5kg 重量 Weight

0°C ~ +40°C 工作温度 Operating temperature

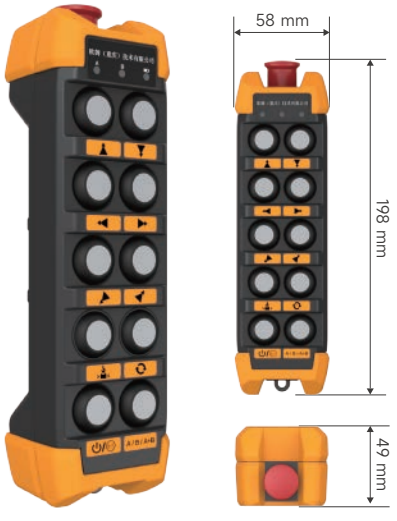
防静电工程塑料 Anti-static Engineering plastic

CE FC 产品认证 Certification

FYF 100(D)

*防爆标志 / Explosion proof signs:
Ex ia I Ma、Ex ia IIC T4 Ga、Ex ib IIIC T130°C Db

IP66 防护等级 Protection Level



操作元件 Operating elements	10个双速按键；1个急停开关 10 dual-speed buttons; 1 emergency stop switch
标配功能 Standard functions	一键配对；开机访问码 One-touch pairing; Power-on access code
选配功能 Optional functions	1对2功能；2对1功能；2对2功能 1 to 2 function; 2 to 1 function; 2 to 2 function
适配接收器 Adapter receiver	FYS100(D)
适配电池 Adapter battery	2节5号干电池 2 AA batteries
工作频率 Operating frequency	430MHz-433MHz；475MHz-495MHz

KA MA Ex
KFH260014　MFH260072

≈350g 重量 Weight

0°C ~ +40°C 工作温度 Operating temperature

防静电工程塑料 Anti-static Engineering plastic

CE FC 产品认证 Certification

FYF 100(E)

*防爆标志 / Explosion proof signs:
Ex ib IIC T4 Gb、Ex ib IIIC T130°C Db

IP66 防护等级 Protection Level





操作元件 Operating elements	4.0寸显示屏；2个万向摇杆；2个线性摇杆；6个侧键开关；1个急停开关；4个钮子开关；2个旋转开关 4.0-inch display; 2 universal joysticks; 2-way proportional rocker; 6 side switches; 1 emergency stop switch; 4 toggle switches; 2 rotary switch
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；1对N功能；N对1功能；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机 ID card; 1 to N function; N to 1 function; N to N function (N≤8); collision shutdown; tilt shutdown; weightlessness shutdown
适配电池 Adapter battery	Li2800Ex
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz

Ex

≈2kg
重量
Weight

-20°C ~ +50°C
工作温度
Operating temperature

防静电工程塑料
Anti-static
Engineering plastic

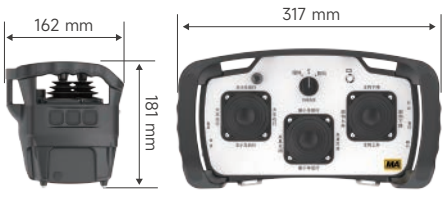
CE FC
产品认证
Certification

FYF 100(F)

*防爆标志 / Explosion proof signs:
Ex ib IIC T4 Gb、Ex ib IIIC T130°C Db

IP66 防护等级 Protection Level





操作元件 Operating elements	3个万向摇杆；6个侧键开关；1个急停开关；1个旋转开关 3 universal joysticks; 6 side switches; 1 emergency stop switch; 4 toggle switches; 1 rotary switch
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；1对N功能；N对1功能；N对N功能（N≤8）；碰撞关机；倾斜关机；失重关机 ID card; 1 to N function; N to 1 function; N to N function (N≤8); collision shutdown; tilt shutdown; weightlessness shutdown
适配电池 Adapter battery	Li2800Ex
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz

Ex

≈2kg
重量
Weight

-20°C ~ +50°C
工作温度
Operating temperature

防静电工程塑料
Anti-static
Engineering plastic

CE FC
产品认证
Certification

FYF 100(G)

*防爆标志 / Explosion proof signs:
Ex ia I Ma、Ex ib IIC T4 Gb、Ex ib IIIC T130°C Db

IP66 防护等级 Protection Level





操作元件 Operating elements	4.0寸显示屏；7个线性摇杆；6个侧键开关； 1个急停开关；4个钮子开关；2个旋转开关 4.0-inch display； 7-way proportional rocker；6 side switches; 1 emergency stop switch；4 toggle switches; 2 rotary switch
标配功能 Standard functions	智能钥匙；自动关机 smart key; automatic shutdown
选配功能 Optional functions	身份识别卡；1对N功能；N对1功能；N对N功能（N≤8）；碰撞关机； 倾斜关机；失重关机 ID card; 1 to N function; N to 1 function; N to N function (N≤8); collision shutdown; tilt shutdown; weightlessness shutdown
适配接收器 Adapter receiver	FYS100(D)；FYS100(E)
适配电池 Adapter battery	Li2800Ex
工作频率 Operating frequency	416MHz-419MHz；433MHz-434MHz

KA MA Ex

KFH260024 MFH260127

≈2kg 重量 Weight

0°C ~ +40°C 工作温度 Operating temperature

防静电工程塑料 Anti-static Engineering plastic

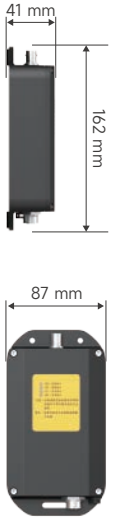
CE FC 产品认证 Certification

FYS 100(D)

*防爆标志 / Explosion proof signs:
Ex ia I Ma、Ex ib IIC T4 Gb、Ex ib IIIC T130°C Db

IP66 防护等级 Protection Level





控制功能 Control Function	1组急停继电器；≤2路CAN总线通信；1路RS 485(RTU) 1 set of emergency stop relay；2 CAN bus communications；1 RS 485 (RTU)
支持协议 Supported Protocols	CAN2.0 / CANOPEN / Modbus RS485 RTU
工作频率 Operating Frequency	416MHz-419MHz / 430MHz-434MHz / 470MHz-495MHz / 2.4G
通信距离 Communication Distance	≥100 m
工作电压 Working Voltage	10-30V DC
额定功率 Rated Power	≤2W

KA MA Ex

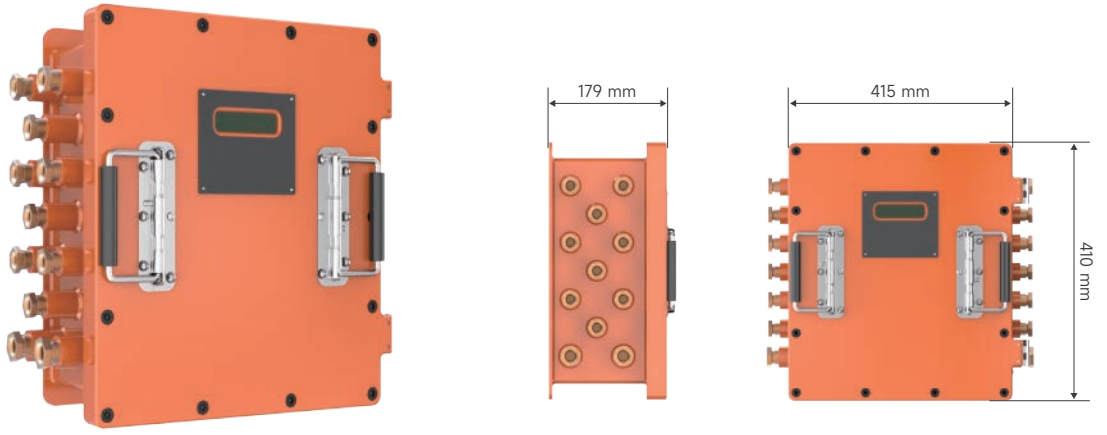
KFD260164 MFD260367

≈300g 重量 Weight

-20°C ~ +60°C 工作温度 Operating temperature

防静电工程塑料 Anti-static Engineering plastic

CE FC 产品认证 Certification



FYS 100(E)

*防爆标志 / Explosion proof signs: Ex db ib I Mb

IP54 防护等级 Protection Level

KA KFD260147 MA MFD260317

防护等级 Protection Level
Q235A

工作温度 Operating Temperature
0°C ~ +40°C

工作电压 Working Voltage
127V AC

通信距离 Communication Distance
≥100 m

控制功能 Control Function	1路CAN总线；4路模拟量输入；8路开关量输入；15路继电器输出；16路PWM输出；4路模拟量输出 1-channel CAN bus communication; 4 analog inputs; 8 switch inputs; 15 relay outputs; 16 PWM outputs; 4 analog outputs		
继电器容量 Relay Capacity	5A 250VAC		
工作频率 Operating Frequency	416MHz-436MHz		
额定功率 Rated Power	≤50W	连接方式 Connection Method	线缆 Cable

LED照明系统 TCS Series Data Logging Mode



LED照明系统可用于欧姆所有TCS-C系列发射器系统。
LED illumination system could be used in all the TCS-C series transmitter system.

LED照明系统提供足够的环境亮度，避免误操作。
LED illumination system provides sufficient ambient brightness to avoid wrong operations.



指纹识别系统 Fingerprint Recognition System

用户指纹识别，拒绝陌生人员操作
User fingerprint recognition, rejecting operation by strangers.

指纹库密码加密，安全可靠
The fingerprint library password is encrypted, safe and reliable.

LED光学指示，清晰直观识别结果
LED optical indication, clear and intuitive recognition results.

自带防护罩，防尘防水PLUS
Built-in protective cover, dustproof and waterproof PLUS.



TCS系统数据记录器 TCS Series Data Logging Mode

- **162 x 80 x 65mm**
  安装尺寸（Installation size）
- **精确到0.1秒的数据记录**
  Data recording accurate to 0.1 second
- **多种数据记录模式**
  Multiple data logging modes
- **数据断电保存功能**
  Data power-off saving function
- **低成本的升级改造**
  Low-cost upgrades
- **用户身份认证（可选）**
  User authentication (optional)
- **便捷的数据读取及查看功能**
  Convenient data reading and viewing functions





连接方式
插头链接（CAN接口）

防护等级 Protection Level | IP65

小欧智能助手 OHM's Assistant

此产品可使用于诊断远程设备，上报故障，参数设置和升级固件等功能。目前Android和iOS系统的设备均可支持。
This product can be used for diagnosing remote devices, reporting faults, setting parameters, and upgrading firmware. Currently, both Android and iOS devices are supported.

通过微信小程序功能连接上设备的蓝牙模块，再通过手机的移动网络，使设备连接云服务器。
Connect the Bluetooth module of the device through the WeChat mini program function, and then connect the device to the cloud server through the mobile network of the phone.

参数灵活设置
Firmware one-click upgrade

无接触式参数设置，通过蓝牙与手机连接，只需在设备附近即可设置。该功能允许用户根据自己的需要，对设备的一些参数进行自定义设置。例如，设置输出电流、输出延时等多种参数，以满足不同的使用需求。

Contactless parameter setting, connected to the phone via Bluetooth, can be set near the device. This feature allows users to customize some parameters of the device according to their own needs. For example, setting various parameters such as output current and output delay to meet different usage needs.



售后快速报修
Quick after-sales repair report

如果设备出现故障或问题，用户可以通过小欧智能助手进行报修。系统会根据问题的严重程度和用户位置，安排专业人员进行快速处理，提供优质的售后服务。

If the device malfunctions or has problems, users can report repairs through the OHM's Assistant. The system will arrange professional personnel to quickly handle the issue and provide high-quality after-sales service based on the severity of the problem and the location of the user.



设备远程诊断
Remote diagnosis of equipment

帮助用户远程诊断设备故障，节省时间和成本。如果设备出现问题时现场人员无法进行有效的维修操作，将设备连接云服务器通过专业人员对设备相关数据进行远程诊断和调阅，实现对故障设备的排查与诊断。

Assist users in remotely diagnosing equipment malfunctions, saving time and costs. If on-site personnel are unable to perform effective maintenance operations when the equipment encounters problems, the equipment will be connected to a cloud server for remote diagnosis and retrieval of relevant data by professional personnel, achieving troubleshooting and diagnosis of the faulty equipment.



固件一键升级
Firmware one-click upgrade

设备的固件升级可以修复一些已知问题，同时还可以增强设备的功能和性能。通过固件一键升级功能，用户可以在几分钟内完成升级，不需要进行繁琐的手动升级步骤。这也可以保证设备始终处于最新状态，提供更好的用户体验。

The firmware upgrade of the device can fix some known issues, while also enhancing the functionality and performance of the device. Through the one click firmware upgrade function, users can complete the upgrade in a few minutes without the need for tedious manual upgrade steps. This can also ensure that the device is always in the latest state, providing a better user experience.



TCS系统可增设功能
Additional Functions of TCS

安全关机功能
Safe Shutdown Function

可选功能，仅适用于发射系统
The functions are optional and only available on the transmitter system.

撞击关机功能
Shut down after impacting

当发射系统受到外界的撞击之后，发射系统将会自动关闭。
When the transmitter system receives an impact from the outside, the transmitter system will automatically shut down.

失重关机功能
Shut down in weightless state

当自动检测到发射系统处于失重状态后,发射系统立即自动关闭。
When detecte that the transmitter system is in a weightless state, the transmitter system will automatically shut down.

翻滚关机功能
Shut down after rolling

当发射系统自动检测到发生翻滚的情况后，发射系统立即自动关闭。
When the transmitter system is detected rolling, the transmitter system will automatically shut down.

以上特性可使遥控发射系统在某些特定的紧急情况下迅速关机，从而避免可能发生的误操作
The above features allow the remote control transmitting system to shut down quickly in certain emergency situations, thereby avoiding possible misoperations.

一对多功能
One to Multiple Function

一对多功能的发射系统可以通过一个发射器同时控制多台接收器，通过发射器上的选择开关实现。
One-to-multiple function transmitter system, multiple receivers can be controlled simultaneously by one transmitter, which is achieved through the selection switch on the transmitter.

这个选择开关的位置定义如:
The position of this selector switch is defined as follows:

控制起重机A Control crane A	控制两台起重机联动 Control the linkage of two cranes	控制起重机B Control crane B
A	A+B	B

多对多功能
Multiple to Multiple Function

任意一个发射器都可单独控制任意1个或同时控制多个接收器，通过“接管-释放”实现。
Any transmitter can control any one or multiple receivers at the same time through "take over and release".

释放操作权
Release operating rights

- 按下发射系统1或者发射系统2上的“释放”按钮。
- 其它的发射系统才有可能取得起重机的操作权。

- Pressing the "release" button on transmitter system 1 or transmitter system 2.
- In this way, other transmitter systems can obtain the right to operate the crane.

接管操作权
Take over operating rights

- 将发射系统1或发射系统2的旋转开关拨到相应位置(“A”或“A+B”或“B”)
- 或按下此发射系统上的“接管”按钮，也取得此台起重机的操作权。

- Adjust the rotary switch of transmitter system 1 or transmitter system 2 to the corresponding position ("A" or "A+B" or "B").
- Or press the "Take-over" button on the transmitter system to gain control of the crane.

特殊案例(主副控功能) | Special Case (Main and Secondary Control Function)

发射系统1为主控，发射系统2为副控,主控发射系统上带(A、A+B、B)转换开关。
正常模式发射系统1独立控制起重机A，发射系统2独立控制起重机 B。
Transmitter system 1 is the main control, and transmitter system 2 is the sub-controller.
The main control transmitter system has (A, A+B, B) conversion switches.
In normal mode, transmitter system 1 independently controls crane A, and transmitter system 2 independently controls crane B.

如果主控系统要取得起重机B的操作权，必须执行下面的操作:
If the main control system wants to obtain the operating rights of crane B, it must perform the following operations:

1、按下发射系统2的“释放”按钮;	Step 1. Press the "release" button of transmitter 2;
2、为避免操作者出错。请关闭发射系统2;	Step 2. To avoid operator errors, please turn off the transmitter system 2;
3、启动发射系统1;	Step 3. Start transmitter system 1;
4、把发射系统1上的旋转开关拨至“A+B”或“B”;	Step 4. Turn the rotary switch on transmitter system 1 to "A+B" or "B";
5、按下发射系统1上的“接管”按钮。	Step 5. Press the "Take-over" button on transmitter system 1.

这样，发射系统1就具备了操作两台起重机的功能。
In this way, the transmitter system 1 has the function of operating two cranes.

身份识别功能
Identity Recognition Function

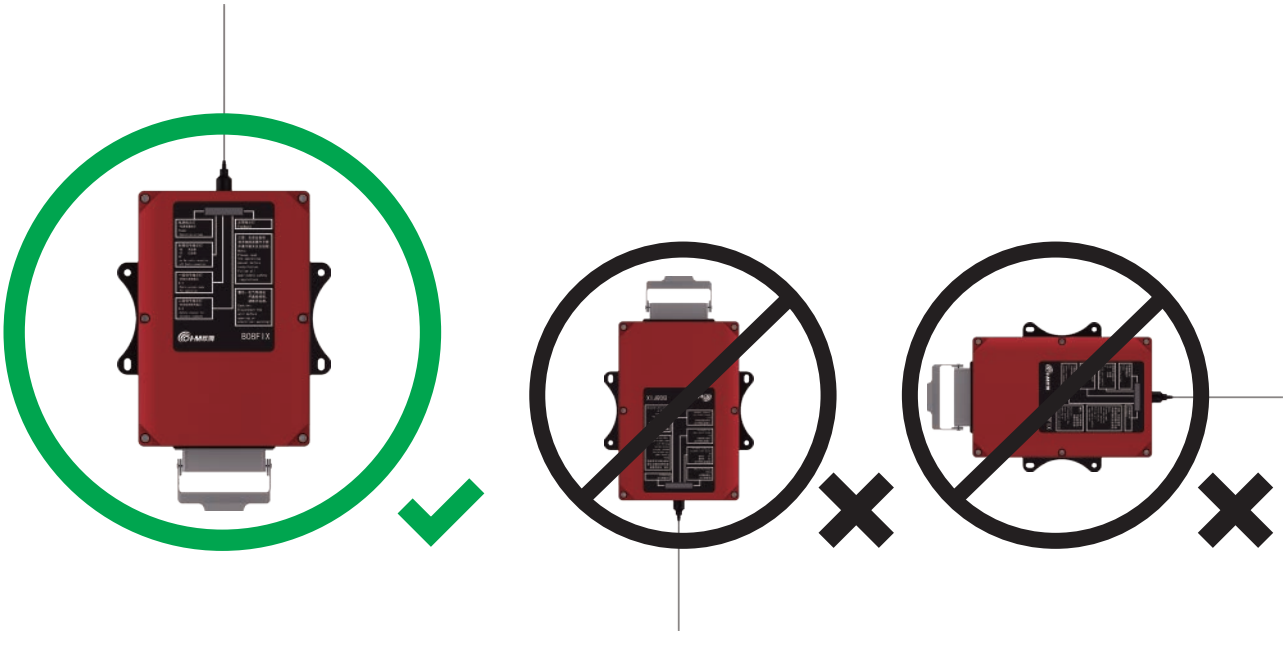
TCS-B、TCS-C系列均可配备
TCS-B and TCS-C series can be equipped with





- 只有具有被授权身份识别卡的人员才可以通过此卡启动发射器，极大增强了产品使用的安全性
- Only personnel with an authorized identification card can activate the transmitter through this card.

TCS系列接收系统安装方式
TCS Series Receiving System Installation Method



售后服务
After-sales service

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	池先生	15951938397	021-54902525-8307/-8305	
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