426x293mm

Teleranger Connectivity

輕鬆連結管理遙控器

設定工業用遙控器從未如此簡單, RANGER GO APP 簡單和直覺方式管理操作
只要接上手機 USB OTG 可立即更改發射機和接收機設定功能與參數
省略使用電腦複雜的設定程序, 一切透過智慧型手機或平板電腦即可完成

簡易設定　一鍵搞定　無需電腦　完整功能設定　讀寫效率提升

RANGER GO APP 提供與電腦版軟體相同功能, 讀取/寫入速度更快
現場維護遙控器無需再攜帶笨重的筆記型電腦以及等待電腦開機程序
RANGER GO APP 手機隨開隨用效率提升

拷貝e卡一鍵完成/ 現場更換頻道/ 調整遙控距離/ 隨時查看遙控器識別碼 & 參數

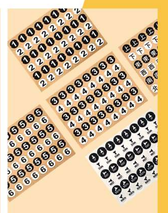
選購配件

保護套

背帶

外接天線

燒錄線


按鍵貼紙

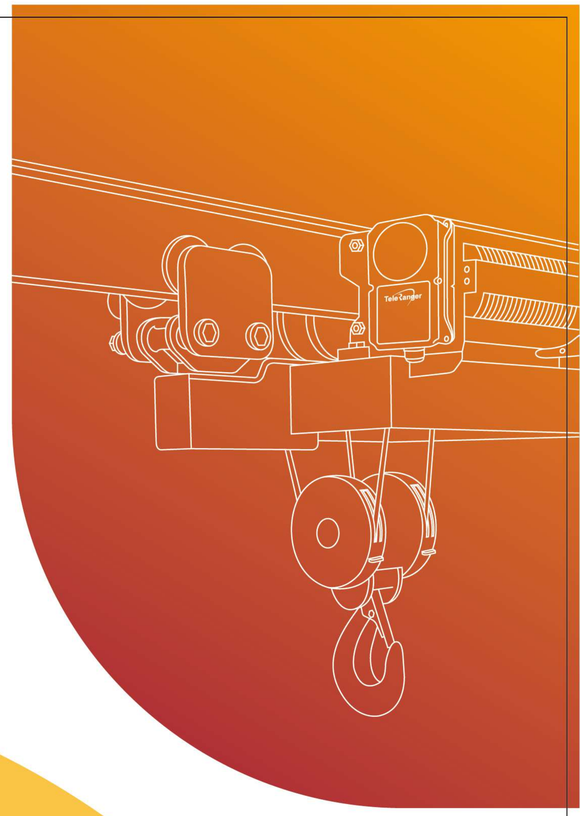
TeleRanger INDUSTRIAL RADIO REMOTE CONTROLLER **TR1**

TeleRanger 台灣授權總經銷
Email: info@telecranetw.com.tw
Tel: 06-233-9484 ; Fax: 06-233-9485

TeleRanger

TR1

INDUSTRIAL RADIO REMOTE CONTROLLER



打造專屬的工業用遙控器

提供快速客製化遙控器並擁有完善的售後服務

www.telecranetw.com.tw

426x293mm

全功能 e卡

接收機/發射機均使用相同可互換的
e卡, 記憶所有功能與設定, 需更換或增加
接收機/發射機時,使用原有e卡隨插即用

優越的玻璃纖維外殼

接收機/發射機均安裝內外等壓
功能的透氣不透水膜, 有效改善因
日曬後的壓力差導致的負壓進水

杜絕無授權操控

強大的實時安全跳動碼,
防止電碼被複製, 有效杜絕竊賊
或更高階的惡意操控

自由規劃使用功能

已預設數百萬用戶使用經驗
也可於現場經由電腦或手機
變更所需要的功能. 例: 任一
按鍵可指定任意個接點輸出

發射機就是拷貝機

不需額外選購燒錄器
就可現場複製備用的e卡

TDFS 絕佳迴避干擾

TR1 Y X

TDFS
(Teleranger Dynamic
Frequency Selection)
採全自動換頻道技術
偵測現場頻譜, 並自動
轉換到清晰的頻道
讓您忘了干擾的存在

內藏式天線

收/發射均為內藏式天線
抗震的內藏式天線有更高的
增益. 更全面的覆蓋可
大幅提升現場操控體驗

可調式遙控距離

可調降遙控距離設定
並達到節省耗電

多樣化電池選項

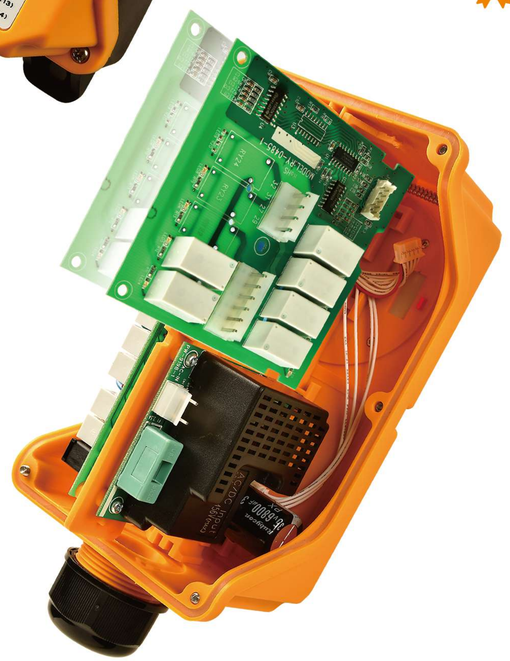
CR-V3 AA

可使用任何充電式或一次性
AA電池, 也適用於市售標準
RCR-V3鋰電池 (不漏液)

TeleRanger
INDUSTRIAL RADIO REMOTE CONTROLLER

TR1

www.tele-ranger.com



PATENTED

專利接收盒

所有電路均安裝在上蓋
提升安裝與維修便利度
大型多功能顯示燈
大幅提升可視角度

可擴增繼電器板

當您需要更多接點輸出時
可以在大接收盒內
加裝擴充繼電器板
而不需要換購接收機

抗雷擊電源供應器

兩種電壓範圍. 可以插拔選用
抗雷擊傳導能力優於大多數
市售設備. 能夠克服現場電源
不穩定與高突波干擾

發射機規格表

	TR1-2S TR1-2D	TR1-4S TR1-4D	TR1-6S TR1-6D	TR1-8S TR1-8D	TR1-10S TR1-10D	TR1-12S TR1-12D
頻率	433/434 MHz	433/434 MHz	433/434 MHz	433/434 MHz	433/434 MHz	433/434 MHz
發射功率	<10 mW	<10 mW	<10 mW	<10 mW	<10 mW	<10 mW
ID識別碼	43億組 (32位元)	43億組 (32位元)	43億組 (32位元)	43億組 (32位元)	43億組 (32位元)	43億組 (32位元)
工作溫度	-30°C~85°C	-30°C~85°C	-30°C~85°C	-30°C~85°C	-30°C~85°C	-30°C~85°C
外殼材質	強化塑膠加玻璃纖維	強化塑膠加玻璃纖維	強化塑膠加玻璃纖維	強化塑膠加玻璃纖維	強化塑膠加玻璃纖維	強化塑膠加玻璃纖維
操作距離	100米	100米	100米	100米	100米	100米
防護等級	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
電源	AA電池x2	AA電池x2	AA電池x2	AA電池x4	AA電池x4	AA電池x4
按鍵	2個單/雙速	4個單/雙速	6個單/雙速	8個單/雙速	10個單/雙速	12個單/雙速
尺寸	156x65x49mm	156x65x49mm	156x65x49mm	222x65x49mm	222x65x49mm	222x65x49mm
重量 不含電池	215 g	215 g	215 g	350 g	350 g	350 g

型號S為單速按鍵機型 D為雙速按鍵機型

接收機規格表

	TR1-2S~8S	TR1-8D~12D
工作溫度	-30°C~85°C	-30°C~85°C
外殼材質	強化塑膠加玻璃纖維	強化塑膠加玻璃纖維
防護等級	IP 66	IP 66
電源	高壓: AC 28~456V 低壓: DC 10~60V	高壓: AC 28~456V 低壓: DC 10~60V
尺寸	241x90x70mm	255x117x130mm
重量 不含纜線	390 g	900 g

Teleranger Connectivity

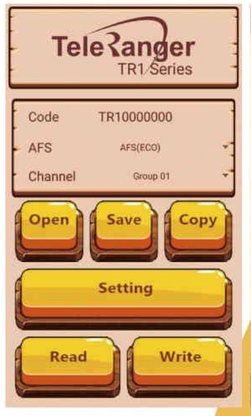
Easy connect and manage remote controller

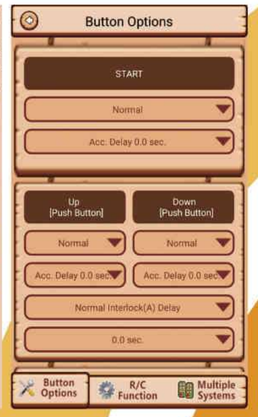
Use your smartphone or tablet to effortlessly set up your TR1 radio remote control system in a few seconds.
In only 3 easy steps. 1. Simply connect USB OTG cable to the smartphone.
2. Insert e-Card into the slot. 3. Click RANGERGO APP and follow the setup wizard.

EASY SETTING | JUST ONE TOUCH AWAY | NO PC REQUIRE | FULL FUNCTION SETTING | QUICK SYNCH (READ/WRITE)

PROGRAM ANYWHERE. RANGER GO APP works same as PC program and improve e-Card read/ write speed.
You are allowed to make service of remote controller on site without carrying heavy laptop.
RANGER GO APP touch and go on smartphone whenever you want.

In your increasingly mobile-enabled life, manage the products via an app is more important than ever. Rangergo App allows you to setup your remote control such as frequency channel, adjust control range, duplicating e-Card and even reprogram the pushbutton functions, all without needing to boot up a PC.





Accessories

Protective Cover

Shoulder Harness

Passive Antenna

USB Cable

Legend Sticker

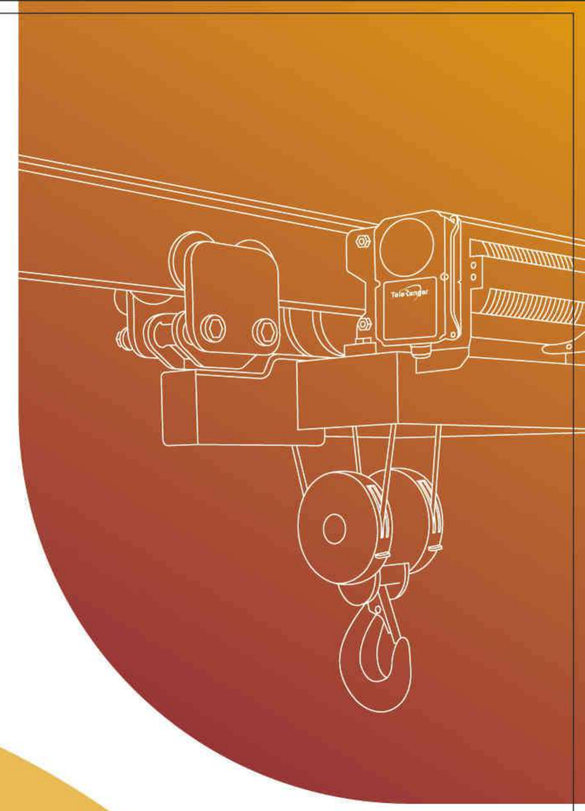
TeleRanger INDUSTRIAL RADIO REMOTE CONTROLLER TR1

TeleRanger TAIWAN
Email: info@telecranetw.com.tw
Tel: 06-233-9484 ; Fax: 06-233-9485

TeleRanger

TR1

INDUSTRIAL RADIO REMOTE CONTROLLER



A smart control solution for lifting

POWERFUL/CUSTOMIZABLE

www.telecranetw.com

e-Card Plug-and-Play

e-Card is an integrated circuit that is intended to securely store system data and its related ID code.
e-Card is plug-and-play when replacing or adding new transmitter.

Breathable Enclosure

Both transmitter & receiver made with fiberglass and use PTFE membrane (breathable but repelling the liquid water) for quick equilibrium of pressure to reduce stress on enclosure seal when using outdoor.

Security Enhanced against radio attacker

Advanced real time Security Random Code (SRC) preventing unauthorized operation.

Rangergo

Powerful software provides great flexibility to meet most of industrial applications. Rangergo is available on Android (smartphone) and Windows.

TR1 transmitter works as duplicator of e-Card

Synchronize e-Card instantly on site without extra device required.

TDFS Technology

TDFS (Teleranger Dynamic Frequency Selection) automatically selects frequency channel with low interference levels for operating.

TR1 Y X

Adjustable operating range

Transmitter emission power adjustable for extending battery life.

Enhanced signal range & stability (Internal antenna)

TR1 intelligently strengthens radio connectivity using TDFS technology. This ensures extended coverage and enhanced stability.

Battery Power

CR-V3 AA

Use AA size Alkaline or rechargeable battery is acceptable. TR1 also uses RCR-V3 lithium rechargeable battery as an option.

TeleRanger
INDUSTRIAL RADIO REMOTE CONTROLLER

TR1

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Patented Receiver

PATENTED

Large LED power indicator enhanced visibility. Easy disassembly receiver for service (PCB module fix on the upper housing)

Relay module Expansion

Add extra relay module when need.

Super Surge Protection (Switching Power Supply)

Protection against lightning and unstable power source on site.

Transmitter Spec.

	TR1-2S TR1-2D	TR1-4S TR1-4D	TR1-6S TR1-6D	TR1-8S TR1-8D
Frequency	433/434 MHz	433/434 MHz	433/434 MHz	433/434 MHz
Emission Pwr	<10 mW	<10 mW	<10 mW	<10 mW
ID code	4.3 billion (32 Bits)	4.3 billion (32 Bits)	4.3 billion (32 Bits)	4.3 billion (32 Bits)
Operating Temp	-30°C~+85°C	-30°C~+85°C	-30°C~+85°C	-30°C~+85°C
Enclosure	Fibre-reinforced plastic	Fibre-reinforced plastic	Fibre-reinforced plastic	Fibre-reinforced plastic
Operating Range	Up to 100 meters	Up to 100 meters	Up to 100 meters	Up to 100 meters
IP Rating	IP67	IP67	IP67	IP67
Power	AA size battery x 2	AA size battery x 2	AA size battery x 2	AA size battery x 4
Pushbutton	2 Pushbuttons	4 Pushbuttons	6 Pushbuttons	8 Pushbuttons
Dimension	156 x 65 x 49mm	156 x 65 x 49mm	156 x 65 x 49mm	222 x 65 x 49mm
Weight (w/o battery)	215 g	215 g	215 g	350 g

Model ending with S for single-speed buttons/ D for double-speed buttons

	TR1-10S TR1-10D	TR1-12S TR1-12D
Frequency	433/434 MHz	433/434 MHz
Emission Pwr	<10 mW	<10 mW
ID code	4.3 billion (32 Bits)	4.3 billion (32 Bits)
Operating Temp	-30°C~+85°C	-30°C~+85°C
Enclosure	Fibre-reinforced plastic	Fibre-reinforced plastic
Operating Range	Up to 100 meters	Up to 100 meters
IP Rating	IP67	IP67
Power	AA size battery x 4	AA size battery x 4
Pushbutton	10 Pushbuttons	12 Pushbuttons
Dimension	222 x 65 x 49mm	222 x 65 x 49mm
Weight (w/o battery)	350 g	350 g

Receiver Spec.

	TR1-2S~8S	TR1-8D~12D
Operating Temp	-30°C~+85°C	-30°C~+85°C
Enclosure	Fibre-reinforced plastic	Fibre-reinforced plastic
IP Level	IP66	IP66
Power	HI: AC 28-456V LO:DC 10-60V	HI: AC 28-456V LO:DC 10-60V
Dimension	241x90x70mm	255x117x130mm
Weight (w/o cable)	390 g	900 g