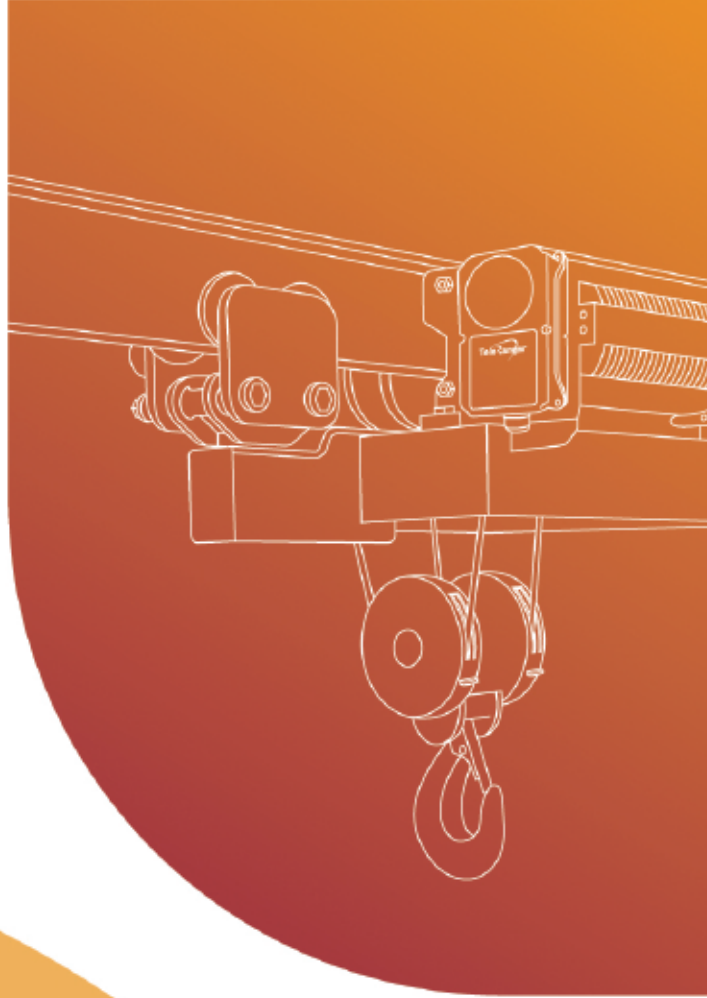


TeleRanger

TR1

INDUSTRIAL RADIO REMOTE CONTROLLER



A smart control solution for lifting

POWERFUL / CUSTOMIZABLE

 www.tele-ranger.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.



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

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



Transmitter Spec.

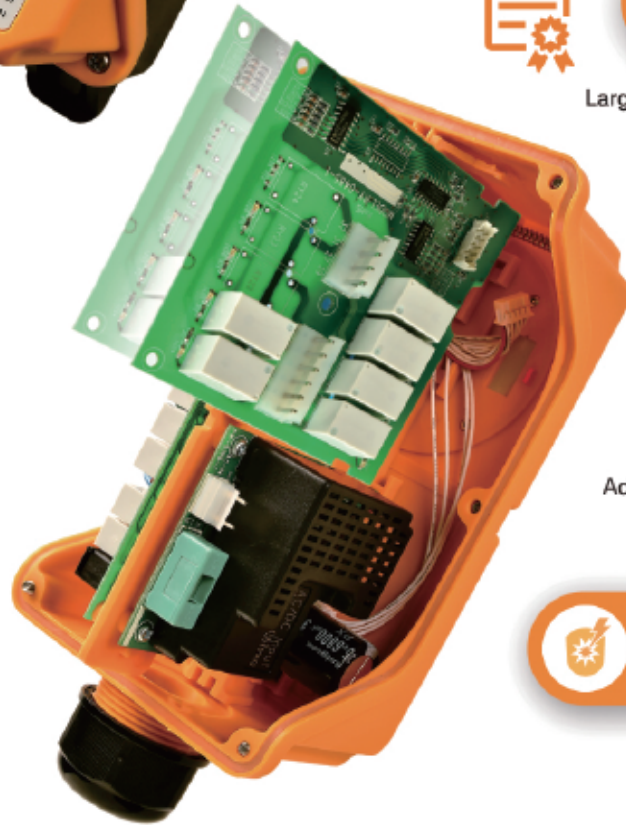
Frequency	TR1-2S	433/434 MHz	TR1-4S	433/434 MHz	TR1-6S	433/434 MHz	TR1-8S	433/434 MHz
Emission Pwr	TR1-2D	<10 mW	TR1-4D	<10 mW	TR1-6D	<10 mW	TR1-8D	<10 mW
ID code		4.3 billion (32 Bits)		4.3 billion (32 Bits)		4.3 billion (32 Bits)		4.3 billion (32 Bits)
Operating Temp		-30°C~+85°C		-30°C~+85°C		-30°C~+85°C		-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

TeleRanger
INDUSTRIAL RADIO REMOTE CONTROLLER

TR1

www.tele-ranger.com



Patented Receiver

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.

TR1-10S	433/434 MHz
TR1-10D	<10 mW
	4.3 billion (32 Bits)
	-30°C~+85°C
	Fibre-reinforced plastic
	Up to 100 meters
	IP67
	AA size battery x 4
	10 Pushbuttons
	222 x 65 x 49mm
	350 g



TR1-12S	433/434 MHz
TR1-12D	<10 mW
	4.3 billion (32 Bits)
	-30°C~+85°C
	Fibre-reinforced plastic
	Up to 100 meters
	IP67
	AA size battery x 4
	12 Pushbuttons
	222 x 65 x 49mm
	350 g



Receiver Spec.

Operating Temp

Enclosure

IP Level

Power

Dimension

Weight (w/o cable)

TR1-2S~8S	-30°C~+85°C
	Fibre-reinforced plastic
	IP66
	HI: AC 28-456V LO:DC 10-60V
	241x90x70mm
	390 g



TR1-8D~12D	-30°C~+85°C
	Fibre-reinforced plastic
	IP66
	HI: AC 28-456V LO:DC 10-60V
	255x117x130mm
	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.



TeleRanger INDUSTRIAL RADIO REMOTE CONTROLLER **TR1**

Patents: www.patentdata.net/legal E-mail: info@tele-ranger.com
www.tele-ranger.com

The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the [Creative Commons 3.0 Attribution License](https://creativecommons.org/licenses/by/3.0/).

