

Data Sheet

Ikargo1 Transmitter

Remote Control

This remote control Transmitter is highly customizable with many features and accessories. These remote controls also support the operator with an ergonomic design that allows for safe and efficient operation.

Features

- High-sensitivity two-step push button
- Multi-band Radio with Full-Duplex communication
- External removable EEPROM SIM module
- Frequency management against interferences

Benefits

- Highly customizable
- Easy and fast maintenance
- High resistance to impacts
- Improved ergonomics
- Screen display

Applications

- Used in lifting applications
- Used in crane applications

Comprehensive technical literature is online at www.danfoss.com





Technical Data

Specification	Value
Stop function (400 - 900 MHz)	Cat. 3-PLd
Stop function (2.4 GHz)	Cat. 3-PLe
Ingress Protection	IP65/NEMA4
Anti-condensation system	N/A
Frequency bands - ERP	433.050 to 434.040 MHz; ERP<1 mW
	434.040 to 434.790 MHz; ERP<10mW
	869.700 to 870.000 MHz; ERP<5 mW
	902.000 to 928.000 MHz; ERP<1mW
	2405MHz to 2475MHz 20dBm/100mW
Range Line of sight (guaranteed)	100m
Main mechanisms	Pushbutton (6) + Multikey(1) + STOP
Auxiliary mechanisms	N/A
Removable EEPROM	External
Battery model	BT11K
Battery life	8 hours (100% duty cycle)
Response Time	100ms
Operating temperature	-20° to 70° C (-4° to 158° F)
Storage Temperature Range (24h)	-25°C to 75°C (-13°F to 167°F)
Storage Temperature Range (long periods)	-25°C to 55°C (-13°F to 131°F)
Relative humidity	max. 95% without condensation
Weight (with battery)	400g
Dimensions LxWxH mm	202x68x60
Harness	Hand/shoulder strap
Display	Yes
Options	
Fast Teleteaching	N/A
Buzzer	Yes
Vibration	Yes
Free Fall Detection (2.4GHz)	Yes
Tilt Switch (2.4GHz)	N/A
Tether connector	N/A
Link Quality Indication (2.4GHz)	Yes
RFID User Validation (2.4GHz)	N/A
Range limiter	Yes
Associated receivers (400 - 900 MHz)	R06, R13 B, R13 F, R70
Associated receivers (2.4 GHz)	R13F, R70, MPCAN, MP08A, MP20A

BC70K battery charger

Specification	Value
AC power supply	110-230V, 50/60Hz, ± 10%, automatic switching
DC power supply, nominal	12-24V

BT11K battery

Specification	Value
Voltage	3.7V
Capacity	1130 mAh Li-ion
Charging temperature	0°C to 45°C
Discharge temperature	-20°C to 60°C
Charging mode	Fast (<2.5h and intelligent)
Weight	23g