

Industrial Wireless Remote Control System

This wireless remote control system has 80 channels and prevents signal interference when multiple units are in use. Its design and components make it suitable for harsh industrial environments.



ADDITIONAL IMAGES



Overview

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The F24 series is a robust industrial wireless remote control system designed for demanding environments, including cranes and heavy machinery. It utilizes advanced frequency technology with 80 available channels to ensure reliable, interference-free operation even when multiple systems are in use. Engineered for durability, the system is resistant to dust, vibration, and extreme temperatures, offering a safe and ergonomic solution for industrial control.

Technical Specifications

Product Parameters	
Transmitter Parameters: F24 -TX	
Material	Glass-Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310~331 MHz; UHF: 425~446MHz
Transmitter power	≤10dBm
Transmitter power supply	2 AA batteries
Safety code	32 bits (4.3 billion)
Temperature range	-40°C~+85°C
Control distance	Approx 100m (200 meters is customized)
Receiver Parameters: F24-RXC	
Material	Glass-Fiber PA
Enclosure protection class	IP65
Frequency range	VHF: 310~331MHz; UHF: 425~446MHz
Receiver sensitivity	-110dBm
Receiver power supply	18~95V AC/DC / 65~440V AC/DC (optional)
Output contactor capacity	8A in-built relay output (with AC 250V/10A relays, 10A fuse)
Control distance	Approx 100m (200 meters is customized)
Safety code	32 bits (4.3 billion)
Temperature range	-40°C~+85°C

Detailed technical specifications for the F24 series transmitter and receiver units.

Enclosure Protection

IP65

Frequency Range	VHF: 310~331 MHz; UHF: 425~446 MHz
Transmitter Power	10 dBm
Safety Code	32-bit (4.3 billion combinations)
Operating Temperature	-40°C to +85°C
Control Distance	100 m

Power & Electrical

Transmitter Power Source	2 AA batteries
Receiver Power Supply	18-65V AC/DC, 65-440V AC/DC
Output Contactor Capacity	8A sealed relay output

Features



The F24 series offers diverse button configurations to suit specific industrial machinery requirements.

Key Features

- Emergency stop button
- Battery voltage warning device
- Safety switch key for unauthorized access prevention
- Durable, lightweight ergonomic shell material

Maximum Control Contacts	20
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