GT1 SYSTEMS

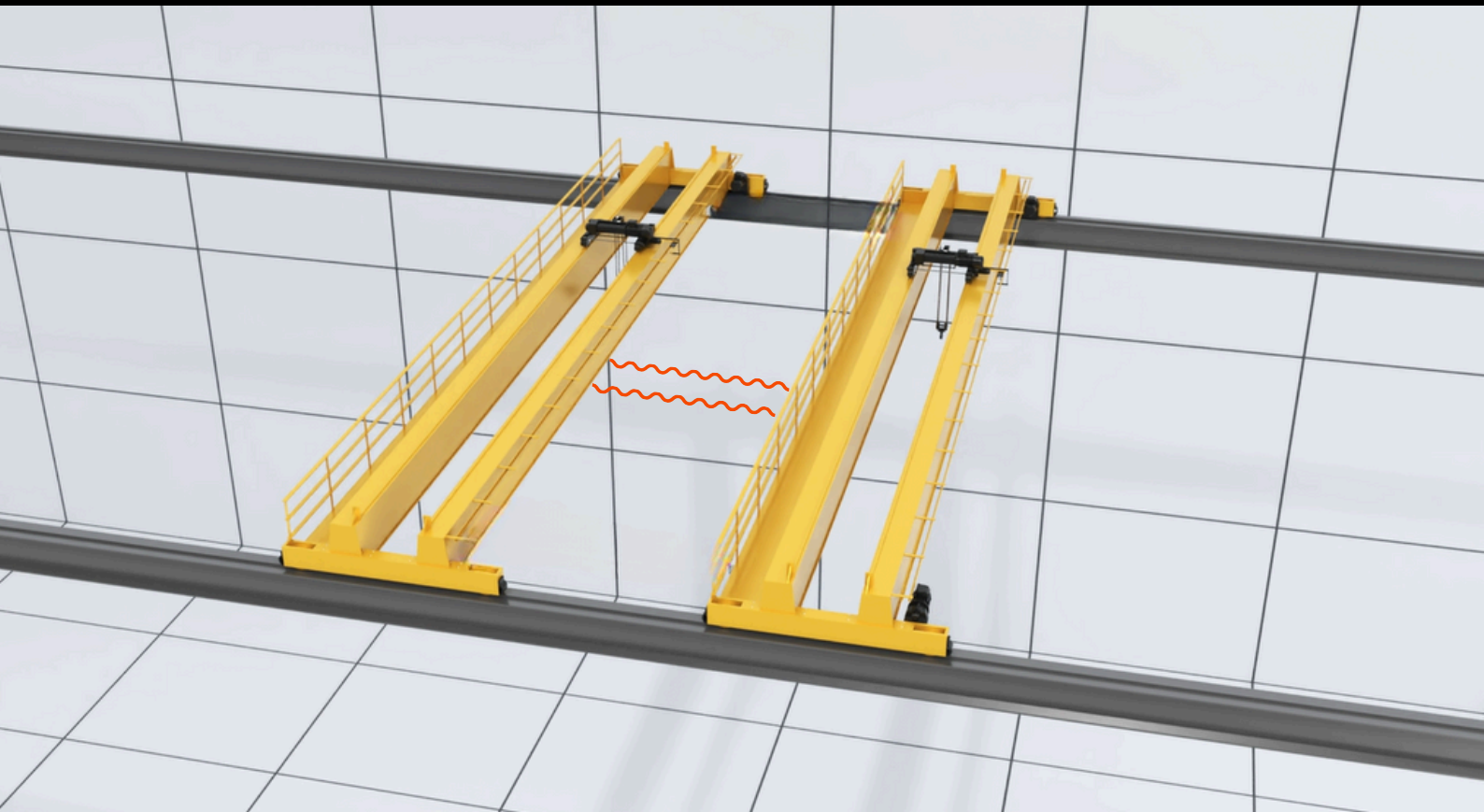## RF Based Anti-Collision System for Overhead Crane Applications

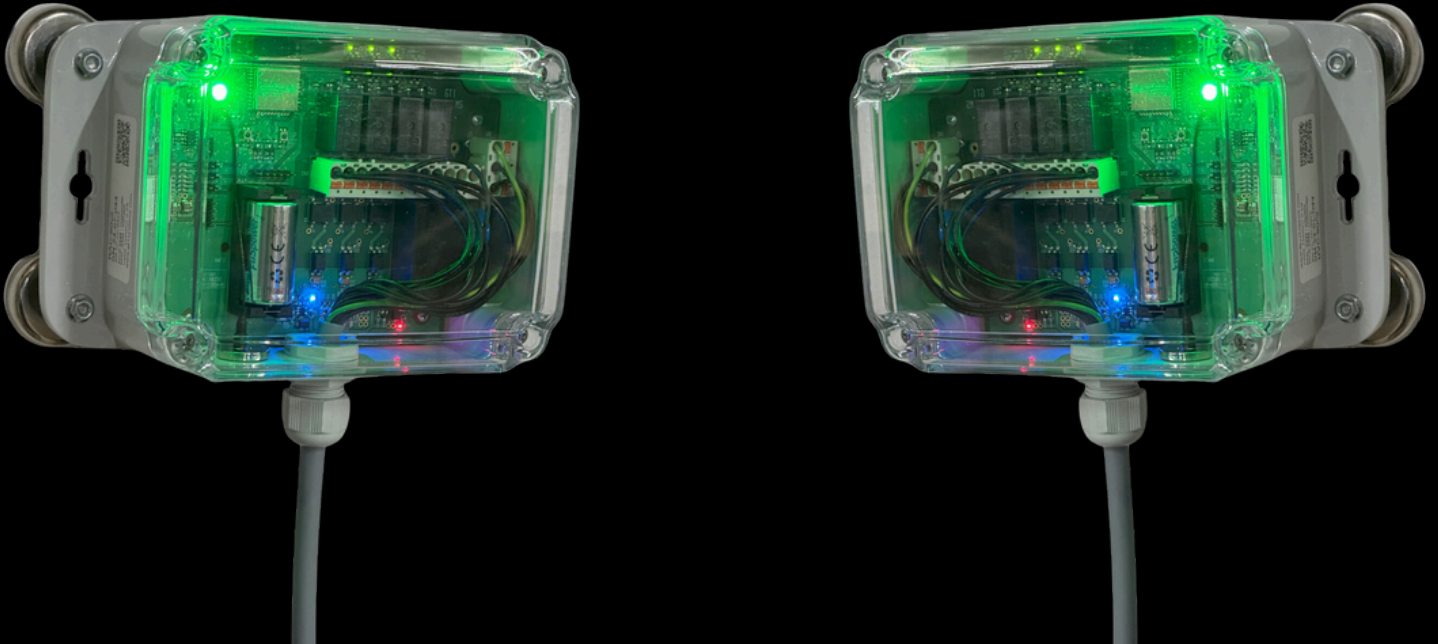# RAC

Ideal for use where optic/light based systems do not work - smoky, hazy, steamy environments and outdoor applications
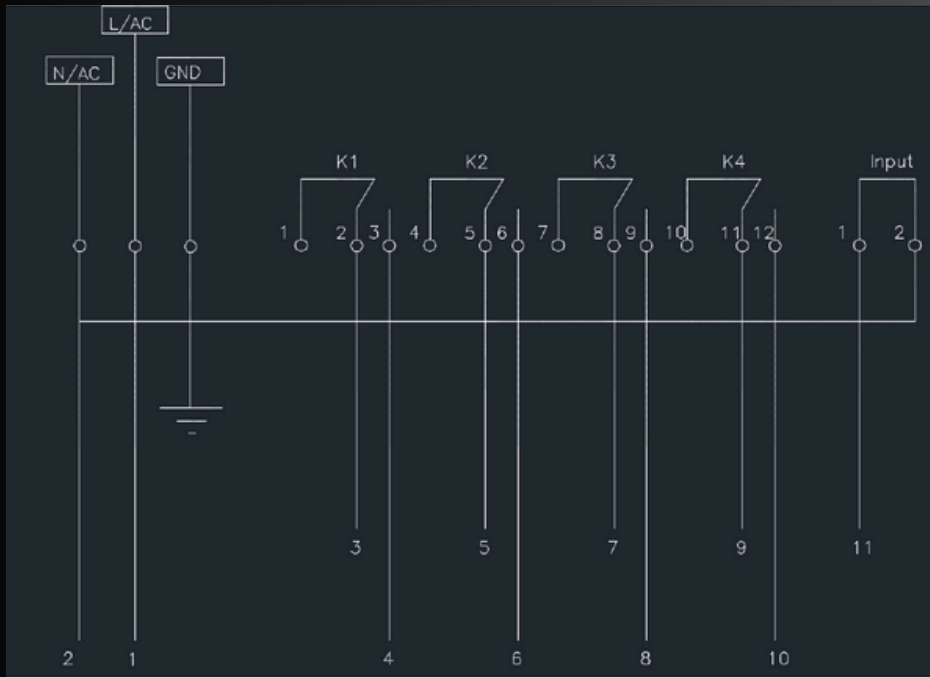
ENGINEERED COMPONENTS GROUP

RAC

- 60 meter range
- Transmitter/receiver configuration - precise alignment is not necessary, but line of sight between the two units is needed
- Not impacted by the environment
- Setup via WiFi webapp
- Full speed reverse feature allows for immediate full speed when separating cranes
- 4 NO/NC 240/120V 5A relay outputs for warning, slow, stop + error
- Battery backup in case of loss of power on one crane
- 6Ghz frequency band
- NEMA 4X IP68 rated enclosure
- 120V input for bypass or programmable bypass via webapp
- Optional magnet mounts
- 20 foot hardwired pigtail
- Can be used on 230VDC cranes when supplied with GT1 intermediate relay panel
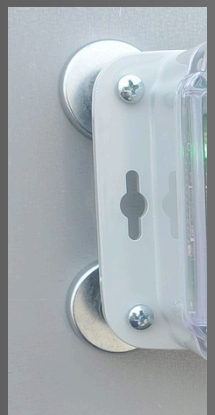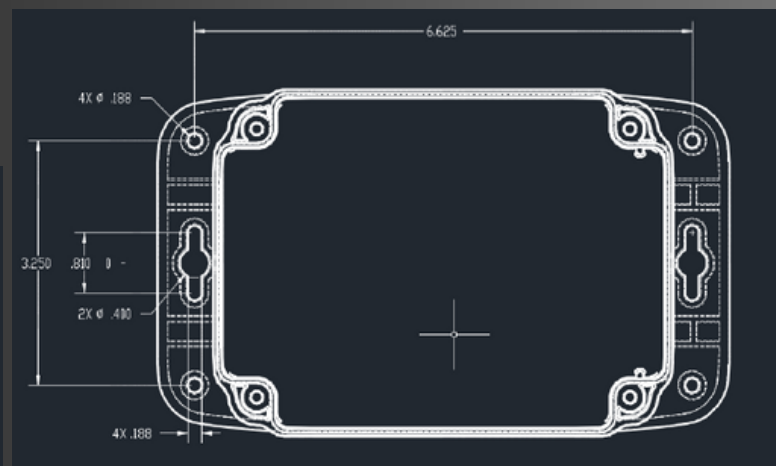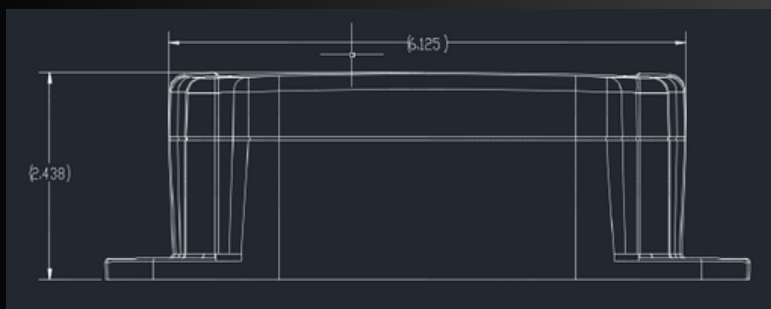
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RAC

Wiring Information

Optional Magnet Mounts

Mounting Hole & Enclosure Dimensions
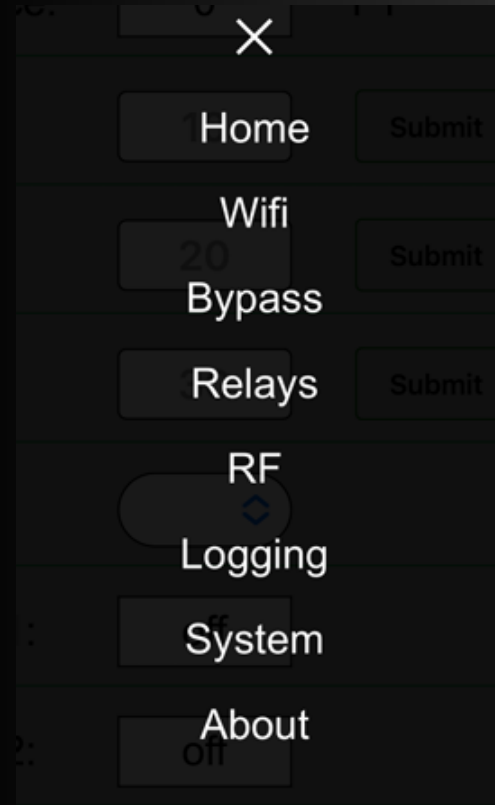
RF Smart Collision Avoidance Systems

RAC

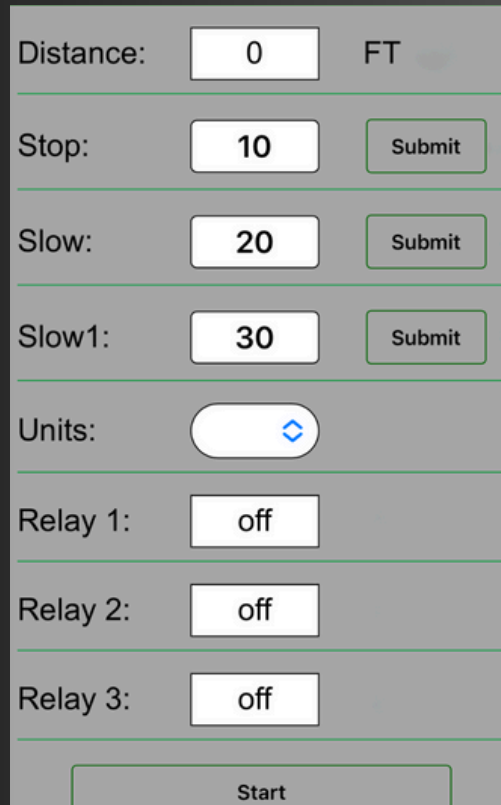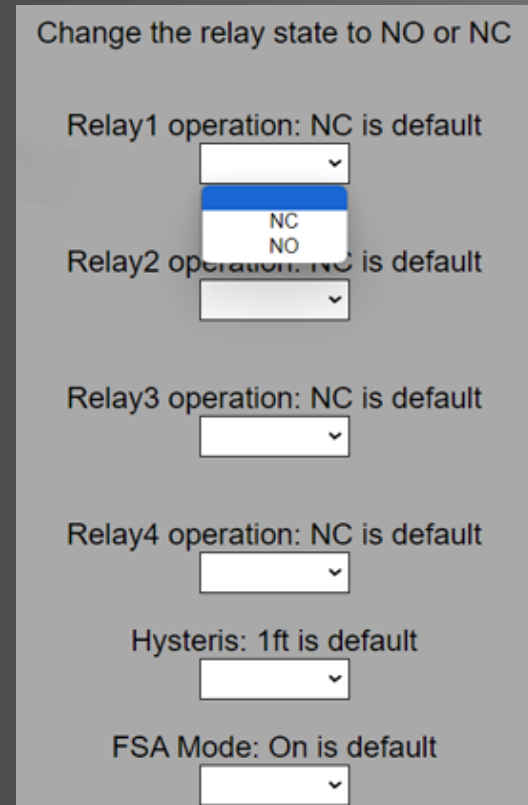## Web App Interface Examples

Main Menu

×

Home   Submit

Wifi   Submit

Bypass

Relays   Submit

RF

Logging

System

About

Set Points and Real Time Distance Measurement
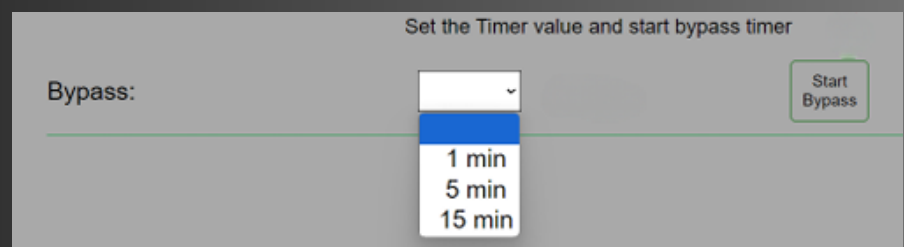
Distance:	0	FT
Stop:	10	Submit
Slow:	20	Submit
Slow1:	30	Submit
Units:		
Relay 1:	off	
Relay 2:	off	
Relay 3:	off	

Start

Relay Configuration

Change the relay state to NO or NC

Relay1 operation: NC is default
- NC
- NO

Relay2 operation: NC is default

Relay3 operation: NC is default

Relay4 operation: NC is default

Hysteris: 1ft is default

FSA Mode: On is default

Enter the new SSID name of this device

New SSID: _____ Submit

Enter the new SSID name and password to connect to

SSID: _____ Submit

Password _____ Submit

Customer to Name Crane Asset and Password Protect Access

Set the Timer value and start bypass timer

Bypass: _____ Start Bypass
- 1 min
- 5 min
- 15 min

Secure Bypass Selection - 1 min, 5 min, 15 min, 4 hours, 8 hours

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