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# DUCT-O-WIRE COLLISION AVOIDANCE SYSTEMS

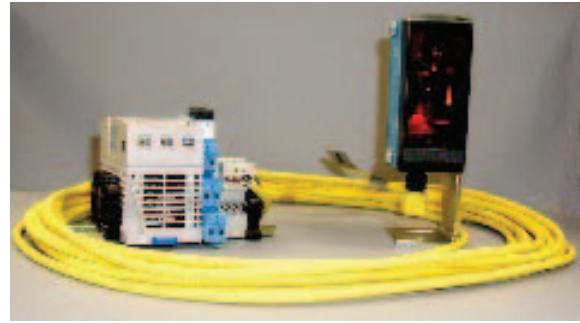
## CAS-1RA




**LED Photoelectric Sensor Kit for On/Off Switching.** Recommended for End Collision Avoidance Detection. Includes Mounting Bracket, Reflector Array and Hardware Sensor. Relays can open or close a circuit. For use with 24 to 240 VAC or 12 to 240 VDC outputs for N.O. or N.C. Circuit Control operating distance range from 3 to 45 feet.

## CAS-2L40

**Laser Optics Sensor Kit for 2 Event On/Off Switching.** Recommended for Crane to Crane Collision Avoidance. Includes pre-wired and assembled unit with Reflector, Transformer, Relays (2 N.O. 2 N.C.) and 40' Cable. Class 1 laser for maximum accuracy and safety. Two programmable Trigger Events (ie: Slow / Stop DIN mounted components for easy installation. Distance range from 8 inches to 60 feet. Also available with 80' cable (CAS-2L80).



# DUCT-O-WIRE RADIO REMOTE CONTROLS




**RC-IM-2**  
Series 322

- Three Motion
- Key on/Off and E-Stop
- Two Auxiliary Switches
- Two Transmitters with Batteries
- One Receiver Pre-Wired with 6' Pigtail

**RC-IM-D2**  
Series 1220

- Five Motion - Two Speed
- Emergency Stop
- Two Auxiliary Switches
- Two Transmitters with Batteries
- One Receiver Pre-Wired with 6' Pigtail



[www.ductowire.com](http://www.ductowire.com)

P.O. Box 519	1351 W. Second Street	379 Davis Road, Unit #3
Corona, California 92878-0519	Oconomowoc, Wisconsin 53066	Oakville, Ontario, Canada L6J 2X2
Phone: 951-735-8220; 800-543-3885; 800-735-1922	Phone: 262-567-2288	Phone: 905-844-1791; 800-361-9473
Fax: 951-735-2372; 800-752-6001; 800-735-0857	Fax: 262-567-0857	Fax: 905-844-2533; 800-663-0933



**RC-IM-1R1**  
Series 260

- Three Motion - Single Speed
- Key On/Off and E-Stop
- Two Transmitters with Batteries
- One Receiver Pre-Wired with 6' Pigtail



**RC-IM-P81**  
Series 180

- Three Motion
- Single Speed
- Start / Stop
- Two Remotes
- One Receiver



**RC-IM-P41**  
Series 140

- Single Motion - Single Speed
- Start / Stop
- Two Remotes
- One Receiver



**RC-IM-1R2**  
Series 220

- Two Motion - Two Speed
- Key On/Off and E-Stop
- Two Transmitters with Batteries
- One Receiver Pre-Wired with 6' Pigtail

- Robinson Engineering's Complete Line of CraneBoss Radio Controllers
- CraneBoss 200 Series with Up To 3 Motions with 2 Speed Control
- CraneBoss 300 Series with Up To 5 Motions with 5 Speed Control
- Custom Configurations for E-Stop, Momentary and Maintained Switches
- Rugged Hand Held and Belly Box Transmitters with Rechargeable Batteries



**RC-IM-P61**  
Series 160

- Two Motion - Single Speed
- Start / Stop
- Two Remotes
- One Receiver



**RADIO REMOTE CONTROL REPLACEMENT AND ACCESSORY ITEMS**

PART NUMBER	DESCRIPTION
RC-11	Selector Switch for "RADIO" / "PENDANT" (2 - N.) and 2 - N.C. Contacts)
RC-IM-PC	Cable to Copy EPROM data from one Transmitter to another
RC-IM-SC	Software and Cable to Program EPROM (specify Model Number)
RC-IM-KEY	Replacement Magnetic Key for Models RC-IM-1R and RC-IM-2
RC-IM-1XM	Spare Transmitter for RC-IM-1R Units (Specify Model Number and Serial Number)
RC-IM-2XM	Spare Transmitter for RC-IM-2 Units (Specify Model Number and Serial Number)
	Consult Factory for Additional Model Numbers and Applications

**RADIO REMOTE CONTROL REPLACEMENT AND ACCESSORY ITEMS**

PART NUMBER	DESCRIPTION
CAS-RA	Replacement Reflector Array for CAS-1RA
7-020-573	Replacement 3" x 3" Reflective Tape for CAS-1 and CAS-1D
7-020-576	Replacement 8" x 11" Reflective Tape for CAS-2L40 and CAS-2L80
	Consult Factory for Additional Model Numbers and Applications



Duct-O-Wire representatives and distributors are located throughout the U.S. and Canada. Call the factory for the representative or distributor closest to you.

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