HUBBELL®
Industrial Controls

VariLink™ Wireless Radio Controls

DC radio crane control system

VariLink™ wireless radio controls designed for DC cranes featuring the latest 900 MHz technology. Connection is achieved from significant distances and heavy noise environments, license-free. The system can be paired with a belly box style transmitter or a two speed handheld transmitter. The belly box layout features new patent-pending Haptic Feedback Motion Switches. Featuring programmable motion switches that can be set to a crane's number of motions or progressive vibration for potentiometer setups. Onboard datalogging records the last set of motion commands and allows error codes to be downloaded for quick diagnostics. CANbus design is expandable and can be customized to application requirements.

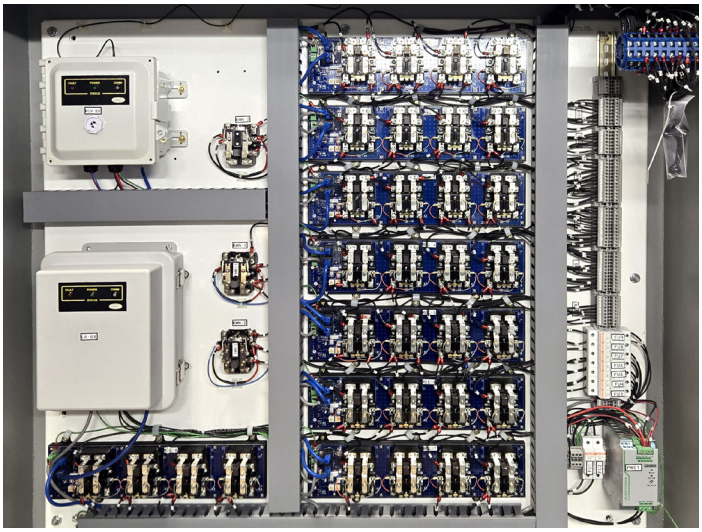
Uppercut Crane Remote Control

Application

Designed for use in the harshest of industrial applications such as steel mills, pulp and paper processing, manufacturing and outdoor equipment locations. The system is designed to be modular and customizable to your exact needs for any application.

Features

- NEMA 12 receiver enclosure
- CAN bus modules for quick maintenance and minimized failure points
- Transfer switch option for cab or pendant station back-up controls
- Haptic Feedback Motion Switches on belly box transmitters
- Optional addition of latching relay module
- Unique battery backs and charger for extended runtime
- DC radio controls intermediate relays up to 230V
- DC contacts keep the system isolated to minimize electrical interface
- 24V DC power supply for DC controls



Specifications

Power

Voltage	24 VDC +/–10%
Idle	1.5 W
Maximum	7 W

Outputs

External Sounder Output Contacts	AC	0.3 A / 125 V ac
	DC	1.0 A / 30 V dc
MLC/START Contacts	AC	5.0 A/ 250 V ac
	DC	1.0 A / 30 V dc
Panel Sounder	90 dBA SPL@ 1 m	

CAN Communications

Protocol	CAN
Data Rate	100/250 kbps
Length	200 m(Max.)
Devices	64 (Max.)

MODBUS Communications

Protocol	MODBUS
Data Rate	19.2 kbps`
Length	200 m(Max.)
Devices	64 (Max.)

Radio Transceiver

Operating Frequency	902.971 to 926.653 MHz	**Power**	–9dBm to +25dBm
Modulation	FHHS	**Range**	1000 ft line of sight
Encryption	AES-128		

Approved Antennas / Cables

Under FCC regulations, the ER064 Digital Receiver may only operate using the antennas and cable assemblies listed below:

ANT-916-CW-HW	Antennas RPSMA 1/2 Wave Dipole Whip 916MHz
ANT-915-NUB-RPS	Antennas 915MHz Ultracompact, RP-SMA Plug
ANT-916-ID-1000-RPS	Antennas 916MHz, 1m, RP-SMA
ANT-916-ID-2000-RPS	Antennas 916MHz, 2m, RP-SMA
CSI-RSFB-100-UFFR	RF Cable Assemblies CABLE RPS BLKHD PLUG 100mm
CO-058SMAMFRP-025	RF Cable Assemblies RG58 REV POLARITY SMA M/F 25ft

Environmental

Temperature range (operation and storage)	13 °F to 158 °F (–25 °C to 70 °C)	**Humidity**	95% non-condensing

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