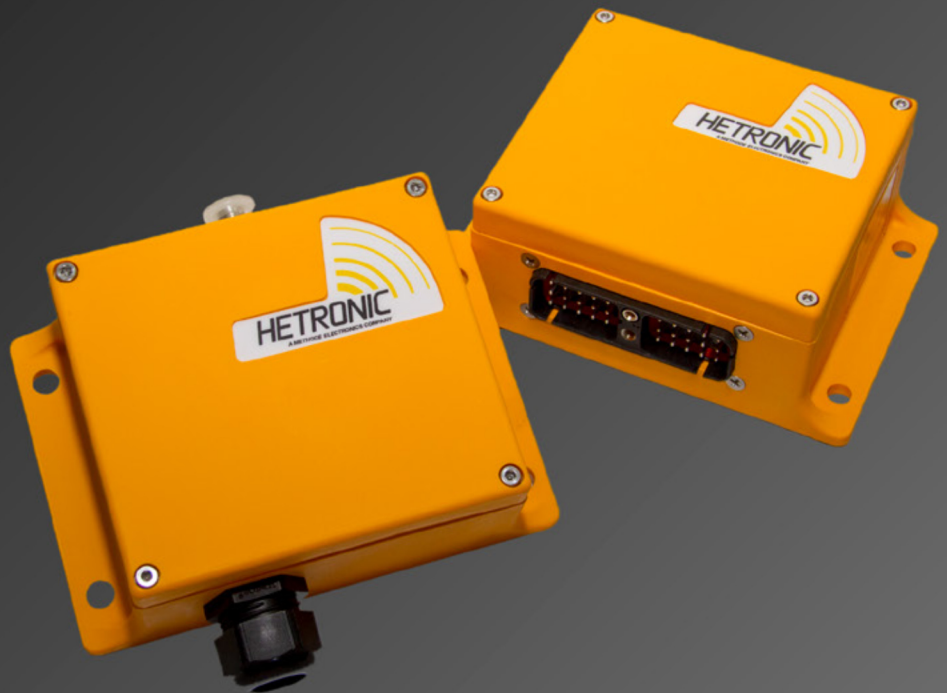# WE'RE NOT JUST CREATING REMOTE CONTROLS, **WE'RE CREATING A SAFER WORKPLACE**

RX ES-CAN-HL

RECEIVERS DESIGNED FOR OPERATOR SAFETY

The RX ES-CAN-HL receiver is designed to meet Hetronic's customer needs. With a compact, lightweight and built to withstand extreme and harsh environments, the RX ES-CAN-HL receiver is certified at IP65.

Tailored to operate at different frequencies ranging from 419Mhz to 480Mhz, at 868Mhz, 1.2Ghz or 2.4Ghz, the device includes a RS232 serial connection for cable control. The RX ES-CAN-HL receiver is designed to meet the customer different needs and wide range of applications.

Contact a Hetronic technical expert for more information & to discuss your specific application.

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HOUSING	• Impact Resistant Polymer Composite	**CONTROL FREQUENCIES**	• 419MHz, 429MHz, 434MHz, 447MHz, 458MHz, 480MHz, 869MHz, 1216MHz, 2.4GHz
DIMENSIONS	• H: 131mm x W: 165mm x D: 65mm • H: 5.2" X W: 6.5" X D: 2.6"	**CONTROL RF UNIT**	• Type CS Synthesized with multiple frequencies
WEIGHT	• 740gr (1.6lbs.)	**ANTENNA**	• External via TNC connector available
ENVIRONMENTAL PROTECTION	• Min IP 65 (Exceeds Nema 12/13)	**POWER (RF OUTPUT)**	• <=10mW typical; Higher power available subject to country legislation
OPERATING TEMPERATURE/ STORAGE TEMPERATURE	• -20C to +70C (-4F to +158F) • -40C to +85C (-40F to +185F)	**OPERATING RANGE**	• Typically 100m LINE OF SIGHT. Varies depending on output
POWER SUPPLY	• 12/24 Vdc (+/- 50%)	**SAFETY**	• 20-bit ADMA address scheme with up to 1 Million possibilities • Active & Passive STOP Function • Parity and Checksum • Safety Category 3 Compliant (STOP)
HUMIDITY RANGE	• 0 to 97% max. non-condsensing	**COMPLIANCE**	• CE, FCC, IC, EMC, EMI, Radio Frequency, ROHS, REACH. • ISO13849-1, IEC62745, IEC62368-1
OPTIONS	• Rubber vibration mounts; antenna extension. • Built-in Mini battery charger	**DIAGNOSTICS**	• External LED's for Operation, TX Signal Reception, E-Stop Error, Main Contact, CAN Status and CAN Error
		FEATURES	• 2 Independent High Speed CAN interfaces (CAN Open, J1939, Parker IQAN, Generic CAN) • Half-duplex communication mode. • 1 RS232 serial comm. Interface for H-Link Programming and cable back-up. • 1 USB (Programming Only). • 2 MC Safety relay outputs at 12/24 Vdc or 230 Vac, 8A. • 2 Programmable NO/NC changeover relay outputs at 12/24 Vdc or 230Vac, 8A. • Up to 15 transmitters can control 1 receiver • Built-in Quick Disconnect 30 pole Connector • Response Time less than 100msec.

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ABOUT HETRONIC

Since 1982 Hetronic has delivered the finest, most reliable industrial Safety Radio Remote Control user interface solutions for process and equipment control applications in the industry.
We have shipped over 500,000 safe and reliable transmitter/ receiver solutions to customers around the world. Our global network of service locations, in over 50 countries, provides expert service, support and sales when customers need safe, secure and reliable remote control solutions. Contact a Canadian Hetronic expert and learn more at www.hetronic-canada.com

ROHS

REACH

TÜV
ISO 9001