

CATALOG

2026



Product and Pricing Guide

NICHOLS ELECTRONICS

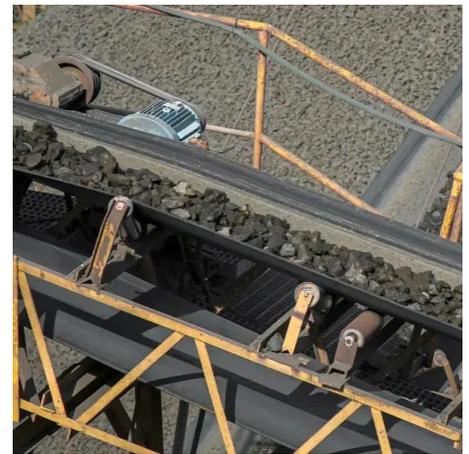


**MADE
IN THE
USA**

RFHERO™

www.rfhero.com

A Veteran Owned Business



Mining Heavy Industry Traffic Controls Construction Industrial Safety

RFHero's Designs Apply to Nearly all Applications.

RFHero's wireless products cover multiple industrial applications from material handling, traffic controls, operator safety, and construction.

Industries served:

- Blown-In Insulation
- Traffic Control & Site Safety
- Mining & Aggregates
- Machine Control & Stop
- Variable Speed Fans & Blowers
- Conveyors, Winches, & Lifts
- Event & Stadium Pagers

We offer design services to enhance products and develop new systems. Our engineering department has been involved in technologies from industrial embedded processors and radio communications for over 30 years. Many applications require special adaptation to our products. We understand that your needs may require variation from our standard designs and products. Your success is our primary goal.

Many times the design change is not significant and can be adapted to one of our standard control systems. Give us a call at 724-610-5256 or reach out to our service team at remotes@rfero.com and we will give you a free estimate on the cost and time to address your specific needs.



RFHero
is here to help!



INSULATION MACHINE CONTROLS CATALOG



Falcon Pro



Falcon Pro Super Bundle



Kit Includes

\$1,045.00

Kit Includes

\$1,299.00

1 Falcon Pro Transmitter	Boot & Belt
1 Falcon Pro Receiver	1 Magnet Mount Antenna
2 AA Batteries	Power Supply or Cable

2 Falcon Pro Transmitter	Boot & Belt
1 Falcon Pro Receiver	1 Magnet Mount Antenna
2 AA Batteries	Power Supply or Cable

Falcon Pro

A medium-range system for applications up to 1500 feet. Compatible with all makes and models of insulation machines.

Falcon Super Bundle

A medium-range system for applications up to 1500 feet. With an extra transmitter for easy and quick replacement. Compatible with all make s and models of insulation ma-

Technical Specs

<u>RF Range:</u> 1500 Feet CLOS (clear-line-of-sight)	<u>Power:</u> +12VDC, 120VAC, or 24VAC options
<u>Output:</u> 2 Form C (N.O./N.C.) @ 10 Amp	<u>Antenna:</u> Magnet mount whip 1/4 wave
<u>Battery Life:</u> 100+ hours single charge	<u>Temperature Range:</u> -22° to 158° F (-30°to +70° C)
<u>Controls:</u> 3 buttons	

Technical Specs

<u>RF Range:</u> 1500 Feet CLOS (clear-line-of-sight)	<u>Power:</u> +12VDC, 120VAC, or 24VAC options
<u>Output:</u> 2 Form C (N.O./N.C.) @ 10 Amp	<u>Antenna:</u> Magnet mount whip 1/4 wave
<u>Battery Life:</u> 100+ hours single charge	<u>Temperature Range:</u> -22° to 158° F (-30°to +70° C)
<u>Controls:</u> 3 buttons	



Yellow Jacket Pro



Kit Includes

\$787.00

- | | |
|----------------------|------------------------|
| 1 TJ Pro Transmitter | Boot & Belt |
| 1 YJ Pro Receiver | 1 Magnet Mount Antenna |
| 2 AA Batteries | Power Supply or Cable |

Yellow Jacket

Utility remote control ranges up to 500 feet. Applications include insulation machines, conveyors, woodshops, and workshop settings.

Technical Specs

- | | |
|---|---|
| <u>RF Range:</u> 500 Feet CLOS
(clear-line of-sight) | <u>Power:</u> +12VDC, 120VAC,
or 24VAC options |
| <u>Output:</u> 2 Form C (N.O./N.C.)
@ 10 Amp | <u>Antenna:</u> Magnet mount whip
1/4 wave |
| <u>Battery Life:</u> 100+ hours
single charge | <u>Temperature Range:</u> -22° to
158° F (-30°to +70° C) |
| <u>Controls:</u> 3 buttons | |



YJ Pro TX 2-Pack



Kit Includes

\$499.00

- | | |
|---------------------------|-----------------|
| 2 Falcon Pro Transmitters | 2 Boots & Belts |
| 4 AA Batteries | |

Transmitters Require Yellow Jacket Receiver

YJ Pro 2 TX

Two extra YJ Pro transmitters . Pairs with any existing YJ Pro receiver.

Technical Specs

- | | |
|---|---|
| <u>RF Range:</u> 500 Feet CLOS
(clear-line of-sight) | <u>Power:</u> +12VDC, 120VAC,
or 24VAC options |
| <u>Output:</u> 2 Form C (N.O./N.C.)
@ 10 Amp | <u>Antenna:</u> Magnet mount whip
1/4 wave |
| <u>Battery Life:</u> 100+ hours
single charge | <u>Temperature Range:</u> -22° to
158° F (-30°to +70° C) |
| <u>Controls:</u> 3 buttons | |



Blue Hornet



Blue Jacket



Kit Includes

\$879.00

- | | |
|---------------------------|-----------------------|
| 1 Blue Hornet Transmitter | Boot & Belt |
| 1 Blue Hornet Receiver | Internal Antenna |
| 2 AA Batteries | Power Supply or Cable |

Blue Hornet

The Blue Hornet sits between the YJPro and Falcon Pro systems, offering a 750 foot range! It no longer requires an external antenna, which reduces wires around your machine.

Technical Specs

- | | |
|---|--|
| <u>RF Range:</u> 750 Feet CLOS
(clear-line of-sight) | <u>Power:</u> +12VDC, 120VAC,
or 24VAC options |
| <u>Output:</u> 2 Form C (N.O./N.C.)
@ 10 Amp | <u>Antenna:</u> Magnet mount whip
1/4 wave |
| <u>Battery Life:</u> 100+ hours
single charge | <u>Temperature Range:</u> -22° to
158° F (-30° to +70° C) |
| <u>Controls:</u> 3 buttons | |

Kit Includes

\$719.00

- | | |
|--------------------------|------------------------|
| 1 BlueJacket Transmitter | Boot & Belt |
| 1 BlueJacket Receiver | 1 Magnet Mount Antenna |
| 2 AA Batteries | Power Supply or Cable |

Blue Jacket

Utility remote control ranges up to 500 feet. Applications include insulation machines, woodshops, conveyors, and other workshop & factory settings.

Technical Specs

- | | |
|---|--|
| <u>RF Range:</u> 500 Feet CLOS
(clear-line of-sight) | <u>Power:</u> +12VDC, 120VAC,
or 24VAC options |
| <u>Output:</u> 2 Form C (N.O./N.C.)
@ 10 Amp | <u>Antenna:</u> Magnet mount whip
1/4 wave |
| <u>Battery Life:</u> 100+ hours
single charge | <u>Temperature Range:</u> -22° to
158° F (-30° to +70° C) |
| <u>Controls:</u> 3 buttons | |



Gold Eagle



Badger



Kit Includes

\$945.00

Kit Includes

\$549.00

- | | |
|--------------------------|------------------------|
| 1 Gold Eagle Transmitter | Boot & Belt |
| 1 Gold Eagle Receiver | 1 Magnet Mount Antenna |
| 2 AA Batteries | Power Supply or Cable |

- | | |
|-----------------------------|-----------------------|
| 1 Badger Transmitter & Belt | UAX Adapter & Manual |
| 1 YellowJacket Receiver | 1 Whip Antenna |
| 2 AA Batteries | Power Supply or Cable |

Gold Eagle

A medium-range system for applications up to 1000 feet. Now compatible with all makes and models of insulation machines.

Badger

Short-range utility remote for distances up to 300 feet. Applications include insulation machines, woodshops, conveyors, and other workshop & factory settings.

Technical Specs

- | | |
|---|---|
| <u>RF Range:</u> 1000 Feet CLOS (clear-line of-sight) | <u>Power:</u> +12VDC, 120VAC, or 24VAC options |
| <u>Output:</u> 2 Form C (N.O./N.C.) @ 10 Amp | <u>Antenna:</u> Magnet mount whip 1/4 wave |
| <u>Battery Life:</u> 100+ hours single charge | <u>Temperature Range:</u> -22° to 158° F (-30° to +70° C) |
| <u>Controls:</u> 3 buttons | |

Technical Specs

- | | |
|--|---|
| <u>RF Range:</u> 300 Feet CLOS (clear-line of-sight) | <u>Power:</u> +12VDC, 120VAC, or 24VAC options |
| <u>Output:</u> 2 Form C (N.O./N.C.) @ 10 Amp | <u>Antenna:</u> Magnet mount whip 1/4 wave |
| <u>Battery Life:</u> 100+ hours single charge | <u>Temperature Range:</u> -22° to 158° F (-30° to +70° C) |
| <u>Controls:</u> 2 buttons | |



TRANSMITTERS AND REPLACEMENT PARTS



YJPro XLP + Arm Strap \$199.00

RFHero remote in a slim package. Comes with the YJ XLP Transmitter and pairing instructions and arm strap. Ranges up to **500 feet CLOS**.
Transmitter Requires Yellow Jacket Receiver



YJPro XLP \$149.00

RFHero remote in a slim package. Comes with the YJ Pro XLP Transmitter and pairing instructions. Ranges up to **500 feet CLOS**.
Transmitter Requires Yellow Jacket Receiver



Raptor Repeater \$519.00

The Raptor Repeater effectively doubles the 1500 foot range of any Falcon system. Great for large building or area where signal is blocked by metal or concrete.



YJ Pro Stinger \$399.00

The YJPro "Stinger" Transmitter with Hyper-Flex antenna gives you a extra 30% ~150 foot boost to your range.



YJPro Transmitter

\$349.00

YJPro transmitter capable of being added to existing systems. Includes transmitter, rubber-tuff boot and hi-viz belt.

Transmitter Requires Yellow Jacket Receiver



YJPro Receiver

\$399.00

Yellow Jacket receiver capable of being added to existing systems. Includes receiver and 120VAC to 13.5VDC wall power supply.

Receiver Requires Yellow Jacket Transmitter



Falcon Transmitter

\$499.00

Falcon transmitter capable of being added to existing systems. Includes transmitter, rubber-tuff boot and hi-viz belt.

Transmitter Requires Falcon Receiver



Falcon Receiver

\$519.00

Falcon receiver capable of being added to existing systems. Includes receiver and 120VAC to 13.5VDC wall outlet power supply.

Receiver Requires Falcon Transmitter



MilSpec Antenna

\$249.00

Military grade plug-and-play antenna compatible with Yellow Jacket and Falcon systems.

Our most powerful and most "bulletproof" antenna ever!

[Yellow: YJ Systems](#)

[White: Falcon Systems](#)

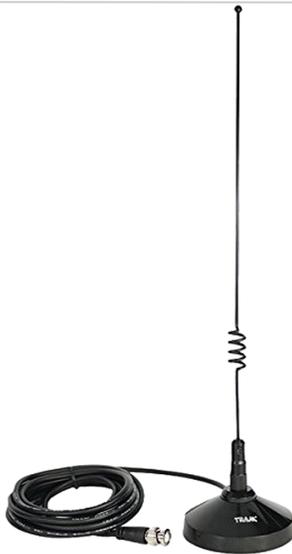


760-1000MHz Antenna

\$84.95

Heavy Duty 760-1000MHz Magnet Mount Antenna for Falcon, Falcon MX, MX2900 and other compatible systems.

Smaller and tougher than the standard Falcon Antenna, with the same power.



434MHz Antenna

\$59.00

434MHz 90° Antenna for YellowJacket Pro, Hornet Pro and Hornet MX Systems. Up to 6db gain with 15ft cable, up to 50% range extension.



900MHz Antenna

\$49.00

900MHz 90° Antenna for Falcon, Falcon MX and MX2900 systems.



Self Help Wizard
Use our handy wizard to self-diagnose your technical issue.



Replacement Parts
Anything you need to get or keep your RFHero system running.



Manuals/Videos
Find all of our product manuals and support videos here.



Send in for Repair
Our simple RMA system makes repairs fast and easy.

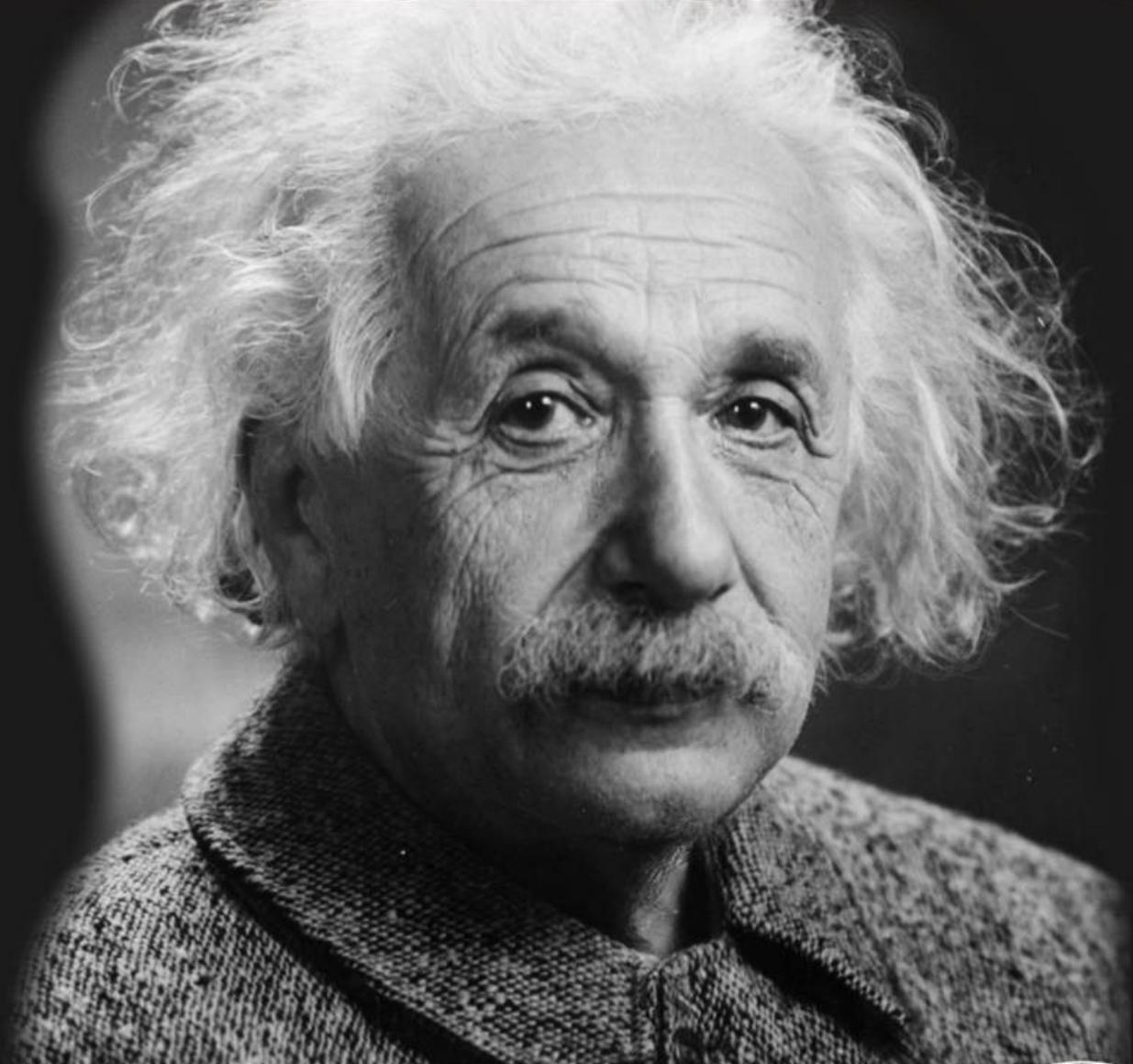


CONTACT US

Interested in placing an order or learning more?
Simply reach out today.
remotes@rfhero.com

Service Line: (878) 645-1921
General Contact line: (724) 610-5256

KEEPING INDUSTRIAL SAFETY SIMPLE
NICHOLS ELECTRONICS



**"Everything should be made
as simple as possible,
but not simpler."**

Albert Einstein

