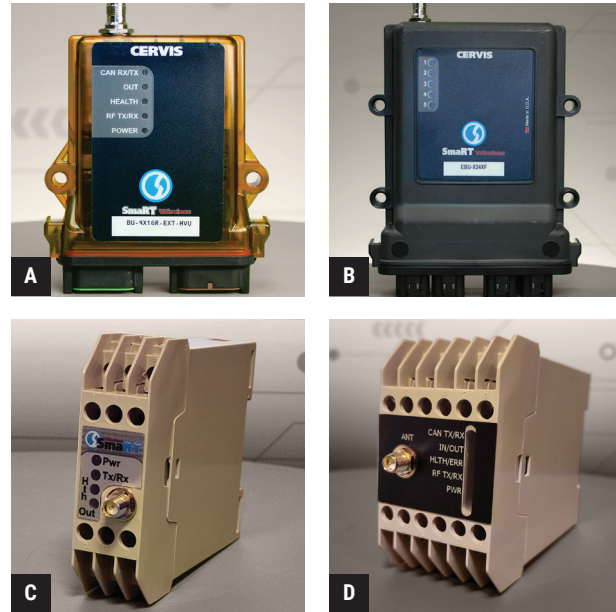


The receiver base units listed in the tables to the right are primarily offered with our proven **2.4GHz, 100mW** output radio. A 900MHz, 100mW radio option is also available. Both radio options are **license free, FCC/IC certified** and feature robust performance in all environments via our proprietary frequency agile channel-hopping algorithm. **All radios are bi-directional**, making radio feedback to diagnostic displays or LEDs possible. Solid state digital outputs are designed to drive valve coils using varying PWM frequencies. All digital outputs can be configured as low side digital inputs as well. Most analog channels can be configured as 0-10V or 4-20mA outputs/inputs. Cervis uses J1939 CANBus protocol standard but offers CANOpen protocol as an option.



### BASE UNIT DIMENSIONS

<b>A</b>	<b>INCHES:</b> 5.24 H x 4.65 W x 1.42 D <b>MM:</b> 133 H x 118 W x 36 D	<b>C</b>	<b>INCHES:</b> 3.23 H x 0.89 W x 3.91 D <b>MM:</b> 82 H x 23 W x 99 D
<b>B</b>	<b>INCHES:</b> 6.25 H x 8.06 W x 2.09 D <b>MM:</b> 163 H x 205 W x 53 D	<b>D</b>	<b>INCHES:</b> 3.23 H x 1.72 W x 3.91 D <b>MM:</b> 82 H x 45 W x 99 D

### RECEIVER BASE UNITS WITH SOLID STATE I/O\*

Internal or External Antenna / Standard J1939 CANBus (CANOpen option available)

FEATURE	MODEL	2CAN	2H1H	8D	16AF	20XF	24XF
INPUT POWER		9-36VDC	7-28VDC	7-28VDC	7-28VDC	7-28VDC	7-28VDC
TOTAL CHANNELS*		1	7	8	16	20	24
DIGITAL I/O		1	3	8	8	20	16
ANALOG I/O		1	2	2	8	2	4
RELAY OUTPUTS		1	-	-	-	-	2
H-BRIDGE		-	1 (25A)	-	-	-	1 (2A)
CANBus		2	1	1	1	1	1
IP / NEMA RATING		IP65/7	IP65/7	IP65/7	IP65/7	IP65/7	IP65/7
DIMENSIONS		A	A	A	A	A	B
CONNECTION		1x12PIN	2x12PIN	1x12PIN	2x12PIN	2x12PIN	4x12PIN

### RECEIVER BASE UNITS WITH RELAY OUTPUTS\*

Internal or External Antenna / Standard J1939 CANBus (CANOpen option available)

FEATURE	MODEL	6R	1R5	16R	DIN 1R5	DIN 4R-2DI
INPUT POWER		100-240VAC	100-240VAC	100-240VAC	18-32VDC	18-32VDC
		120-340VDC	120-340VDC	120-340VDC	85-220VAC	85-220VAC
		7-32VDC	7-32VDC	7-32VDC	-	-
		7-28 VDC	7-28 VDC	7-28VDC	-	-
TOTAL CHANNELS*		6	6	16	6	6
FORM A RELAYS		-	5	16	5	4
FORM C RELAYS		6	1	-	1	-
18-32 VDC INPUT		-	-	-	-	2
85-220 VAC INPUT		-	-	-	-	2
CANBus		1	1	1	-	1
IP / NEMA RATING		IP65/7	IP65/7	IP65/7	IP20	IP20
DIMENSIONS		A	A	A	C	D
CONNECTION		2x12PIN	1x12PIN	2x12PIN	TERMINAL	TERMINAL

\*The number of I/O noted above indicates the overall capabilities of each unit. Some inputs and outputs may use the same channel and therefore not be able to be used in tandem.

# 2023 Product Guide

## Mobile Industrial Equipment Controls



Industrial wireless remote control solutions with customer service that is always within reach.



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**CERVIS** INC.





### 2/4/6 SERIES

#### CLASSIC RELIABILITY

An industry standard since 2006.

Powered by AAA Batteries
~300m Range, 2.4GHz*, 100mW
FCC, Industry Canada License Free
2, 4 or 6 single-step digital pushbuttons; 5M operations
IP65/67 Sealed Enclosure
5.37" H x 2.68" W x 0.92" D; 7.2oz.
Operating Temperature: -4°F to 131°F; Humidity: 0% to 100%



### 10D SERIES

#### FEATURE RICH & ERGONOMIC

Highly customizable and compact.

Powered by AAA Batteries
~300m Range, 2.4GHz*, 100mW
FCC, Industry Canada License Free
10 single step digital pushbuttons; 5M operations, plus ON/SHIFT & OFF
IP65/67 Sealed Enclosure
5.37" H x 2.68" W x 0.92" D; 7.2oz.
Operating Temperature: -4°F to 131°F; Humidity: 0% to 100%



### PG SERIES

#### MOST RELIABLE PISTOL GRIP AVAILABLE

Unmatched durability.

Powered by AA Batteries
~300m Range, 2.4GHz*, 100mW
FCC, Industry Canada License Free
Various Configurations with Toggle Switches, Joysticks, Potentiometers, and Pushbuttons
Proportional Trigger Standard; Display Options Umbilical Tether Control/Power Option
Impressive, Sealed Indestructible Enclosure; Magnetic Mount
9.08" L x 5.27" W x 5.78" D; 2.7lb.
Operating Temperature: -4°F to 131°F; Humidity: 0% To 100%



### EPG SERIES

#### ADVANCED CONTROL

The next generation of ergonomic pistol grip controls.

Powered by AA Batteries
~300m Range, 2.4GHz*, 100mW
FCC, Industry Canada License Free
Proportional Trigger and Six Toggle Switches Standard; High Resolution LCD Display Standard; Umbilical Tether Control/Power Connection Standard
IP65/67 Sealed Enclosure
5.37" H x 2.68" W x 0.92" D; 7.2oz.
Operating Temperature: -4°F to 131°F; Humidity: 0% to 100%



### 6P SERIES

#### PROPORTIONAL CONTROL

Force sensing pushbuttons.

Powered by AAA Batteries
~300m Range, 2.4GHz*, 100mW
FCC, Industry Canada License Free
Six Force-Sensing, Fully Variable, Proportional Control Pushbuttons
IP65/67 Sealed Enclosure
5.37" H x 2.68" W x 0.92" D; 7.2oz.
Operating Temperature: -4°F to 131°F; Humidity: 0% to 100%



### HHMS SERIES

#### VERSATILITY & PERFORMANCE

Multi-speed control options.

Rechargeable Battery
~300m Range, 2.4GHz*, 100mW
FCC, Industry Canada License Free
Eight Multi-step push buttons, 5M Operations; 2, 3 and 7 speed options; Push/Pull STOP, ON/AUX switches
LED Feedback with OLED Display Option
Umbilical Tether Control Option
Operating Temperature: -4°F to 140°F; Humidity: 0% to 95%; GORE-Tex Vented
Sealed Enclosure; Boot/Strap Option 8.7" H x 3.0" W x 1.68" D; 1.43lb.



### MINI CB SERIES

#### A SIMPLE, COMPACT PACKAGE

All the control of a console box in a miniaturized package.

Powered by AA Batteries
~300m Range, 2.4GHz*, 100mW
FCC, Industry Canada License Free
Up to Four Joysticks, Five Toggle Switches with Options for Potentiometers, Display and Tether Control
Sealed Enclosure with Shoulder Strap
7.09" W x 4.15" H x 4.61" D; 2.5lb.
Operating Temperature: -4°F to 131°F; Humidity: 0% To 100%



### CB SERIES

#### UNMATCHED DURABILITY

The working man's console box.

Powered by C Cell or Rechargeable Batteries
~300m Range, 2.4GHz*, 100mW
FCC, Industry Canada License Free
Up To Three Joysticks, Seven Levers, Toggle Switches with Options for Potentiometers, Display, Enable Bar, and Tether Control
Sealed Enclosure with Shoulder Strap
10.25" W x 5.62" H x 5.50" D, 4.0lb.
Operating Temperature: -4°F to 131°F; Humidity: 0% To 100%



### 18D SERIES

#### HIGH CAPACITY

A broad platform for complex controls.

Powered by AA Batteries
~300m Range, 2.4GHz*, 100mW
FCC, Industry Canada License Free
Eighteen Button Control; LED Indicators; Display Option
Sealed Enclosure; Boot & Case Options
9.19" H x 3.18" W x 0.92" D; 15.2oz.
Operating Temperature: -4°F to 131°F; Humidity: 0% to 100%



**LONG RANGE RELIABILITY**



**'NO CUT OUT' COMMUNICATION**



**ROBUST, PROVEN DESIGNS**

This grouping of industrial grade wireless transmitters is of the most complete and full featured available today. These products are anchored by our proven, robust, bi-directional radio which utilizes our proprietary frequency hopping direct sequence spread spectrum design. This exclusive radio provides reliable wireless communication in the most demanding industrial environments. One key feature of the product line is the rugged construction which focuses on environmental sealing and durability to provide users with unmatched service life. The wide variety of transmitter designs offers customers unique features throughout the Cervis product line up. These exceptionally configurable products provide digital and proportional controls in compact handhelds, industry leading pistol grips, and mini-to-large console boxes.



### CPCB SERIES

#### CHEST PACK CONSOLE BOX

An open operators platform for easy controls access.

Powered by C Cell or Rechargeable Batteries
~300m Range, 2.4GHz*, 100mW
FCC, Industry Canada License Free
Oversized Joysticks, Levers, Toggle Switches
Options for Potentiometers, Display, and Tether Control
Sealed Enclosure with Chest Mounting Plate
13.0" W x 7.0" D x 6.8" H; 5.0lb.
Operating Temperature: -4°F to 131°F; Humidity: 0% To 100%

\*900MHz, 100mW radio option available