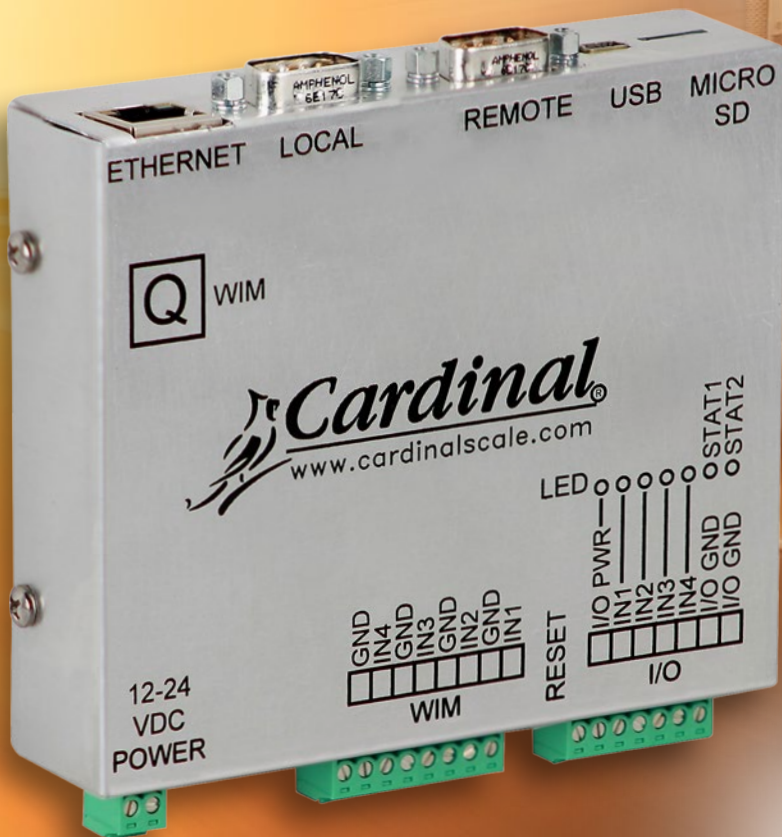




# CVW

## VEHICLE CLASSIFIER

### WEIGH-IN-MOTION CONTROLLER



- **Compact Design**
- **Removable Data Storage**
- **Multiple Connectivity**



[wimscales.com](http://wimscales.com)

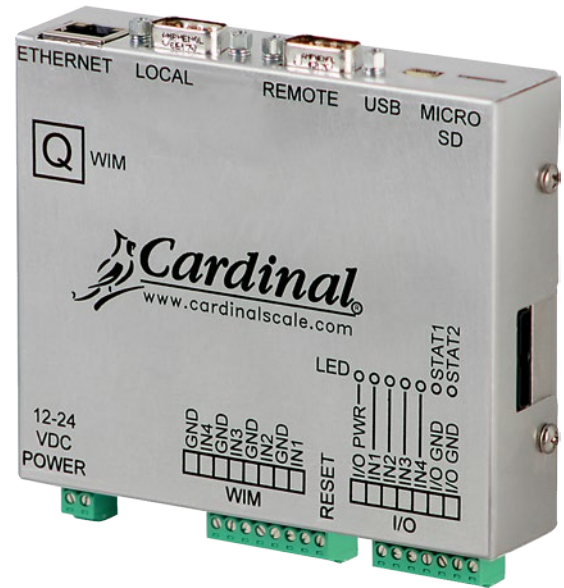
# CVW

# VEHICLE CLASSIFIER

# WEIGH-IN-MOTION CONTROLLER

**THE WEIGHT IS OVER!** Cardinal Scale's CVW Weigh-In-Motion Controller offers the features you've been looking for. The CVW can be used for either vehicle classification or for in-motion weighing and classification. It was designed to work with Kistler LINEAS quartz-piezo sensors to function as a ASTM 1318-09 Type III in-motion scale. If all you need is classification, it can do that, too. Just look at the features and see if you don't agree:

- Up to two lanes of classification and weigh-in-motion
- Removable micro-SD card holds up to 16 GB of data and can be purchased almost anywhere
- 12 to 24 VDC power from battery, solar panels, or AC power supply
- 10/100 MB/sec - Ethernet TCP/IP socket communication, UDP loop messages, password protected web page setup and diagnostics
- Mini USB device connection allows communication with a laptop or PC
- Two RS232 serial ports (Local and Remote)
- Various output formats are supported for all communications ports: Cardinal vehicle format with or without lane number, axle or wheel weights, PrePass 9 or 13 axle formats, loop messages, and detail messages
- Configurable limits, classification, and bridge formula tables
- Designed and manufactured in the United States of America



<b>Processor</b>	Freescale Kinetis 96MHZ 32-bit
<b>Sensor I/O</b>	4 each bipolar analog inputs 4 each binary inputs
<b>A/D Converter</b>	4 channel 14-bit high speed
<b>Interface</b>	Ethernet, USB device, two RS232
<b>Power Input</b>	12 – 24 VDC
<b>Removable Memory Card</b>	Micro SD up to 16G
<b>Temperature Range</b>	-30° to +50° C (-22° to +122° F)
<b>Humidity Range</b>	5 to 95%
<b>Dimensions</b>	5.1 in W x 4.7 in H x 1.6 in D / 13.0 cm W x 11.9 cm H x 4.1 cm D
<b>Weight</b>	0.5 lb / 0.2 kg
<b>Warranty</b>	1 year
<b>Additional Features</b>	Real time clock with battery backup Field updatable firmware using a standard USB cable and laptop DIN rail mounting and plug in connectors for easy installation and maintenance Expansion connector to connect to Cardinal C-Box classifier/additional I/O (future)

Cardinal Scale reserves the right to improve, enhance or modify features and specifications without prior notice. All registered trademarks are the property of their respective owners.

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