

Corsa Instruments - Product Catalog 2007

EZ-II Data Loggers



Detailed Specifications

- ~ 8 analog channels - 0 to 5V range, 0.025% resolution
- ~ 2 speed channels - 1 to 16,000 Hz range
- ~ Over 50 channels available with expansion modules
- ~ Provides regulated 5V power to sensors
- ~ Memory Size: EZ-II 512kb / EZ-IIPro 1 Meg
- ~ Works with speed inputs as small as +0.200V or as large as +/- 120V
- ~ EZ-II All channels use user selectable sampling rate of 1 Hz to 20 Hz
- ~ EZ-IIPro All channels use user selectable sampling rate of 1 Hz to 50 Hz
- ~ Input/event markers for optional lap beacon and "run/record" switch
- ~ Internal real time clock for event tracking and correlation
- ~ AutoStart/AutoStop configurable to trigger on any level of any channel
- ~ 2 user-configurable alarm outputs trigger on any level of any channel
- ~ Built in radio operating at 900 MHz
- ~ Bundled with WinCorsa Basic or Pro software
- ~ USB Radio for personal computer interface





Physical, Power & Environment Requirements

- ~ EZ-II & EZIIPro / Small and light - 4.5" x 3.4" x 1.3", 8.7 oz. Waterproof
- ~ EZ-IICF / Small and light - 4.5" x 3.4" x 1.3", 8.7 oz.
- ~ Requires power from vehicle or other battery - nominal 12 volts
- ~ Low current drain; 50mA typical
- ~ All memory is retained when power goes off
- ~ Water-resistant case and connectors
- ~ Operating temperature 32F to 150F




Communication

- ~ Small PC mounted radio with USB (900 mHz US, 2.4 GHz Europe)
- ~ Range options from 200' to 1/4 mile or more
- ~ All EZ-system communications are password protected




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 <p>EZII-900</p>	<p><i>Includes 900MHz radio (up to 200') 20Hz sample rate, 512K memory, USB receiving radio, and WinCorsa Basic software.</i></p> <p>Corsa EZ2 Data Logger with standard range</p>	<p>\$1,595.00</p>
 <p>EZII-900E</p>	<p><i>Includes 900MHz radio (up to 1/4 mi) 512K memory, 20Hz sample rate, USB radio, and WinCorsa Basic software.</i></p> <p>Corsa EZ2 Logger with extended-range</p>	<p>\$1,695.00</p>
 <p>EZPro - 900</p>	<p><i>Includes 900MHz radio (up to 200') 50Hz processor, 1 megabyte memory, USB receiving radio, and WinCorsaPro software.</i></p> <p>Corsa EZPro Logger with standard range</p>	<p>\$1,695.00</p>
 <p>EZPro-900E</p> <p>EZProEuro-2400</p>	<p><i>Includes 900MHz or 2.4 GHz radio (up to 1/4 mile) 50Hz sample rate, 1 megabyte memory, USB radio, and Win-CorsaPro software.</i></p> <p>Corsa EZPro Logger with extended-range</p> <p>Corsa Pro Euro EZ Logger with 2.4GHz radio</p>	<p>\$1,995.00</p> <p>\$1,995.00</p>




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 <p>EZCF-900</p>	<p><i>Includes 900 mHz radio (up to 200'), USB radio, Compact flash memory up to 2 gigabytes, and Win-CorsaPro software. Stores weeks worth of data.</i></p> <p>Corsa EZ-CF Logger with Compact Flash memory</p>	<p>\$3,495.00</p>
 <p>EZCF-900E</p>	<p><i>Includes 900MHz radio (up to 1/4 mile range), USB radio, Compact flash memory up to 2 gigabytes and Win-CorsaPro software. Stores weeks worth of data.</i></p> <p>Corsa EZ-CF Logger with Compact Flash memory</p>	<p>\$3,595.00</p>
 <p>EZCF-2400</p>	<p><i>Includes 2.4GHz radio (up to 1/4 mile range) 512 kilobyte memory, USB radio, Compact Flash memory up to 2 gigabytes and WinCorsaPro software. Store weeks worth of data.</i></p> <p>EZ-CF2400 with radio and Compact Flash memory</p>	<p>\$3,695.00</p>




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 <p>IDASH-PULL</p>	<p><i>Dash Kit (dash and sensors) for truck and tractor pullers enables monitoring of the following; Now includes the wiring harness, previously know as DASH-KIT</i></p> <ul style="list-style-type: none"> • <i>Engine RPM</i> • <i>Boost Pressure</i> • <i>Exhaust Temperature (1)</i> <p>Intellidash Package for Truck & Tractor Pullers.</p>	<p>\$750.00</p>
 <p>IDASH-TP</p>	<p><i>Connects existing Corsa EZII system with PS300G to IDASH.</i></p> <p>Intellidash Pressure "T" cable</p>	<p>\$30.00</p>
 <p>IDASH-TS</p>	<p><i>Connects existing Corsa EZII system with RPM sensor to IDASH.</i></p> <p>Intellidash Speed "T" cable</p>	<p>\$30.00</p>




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	<p><i>Expands Corsa logger system to add 8 analog and 2 speed channels. Up to 4 units can be used for a total of 40 analog channels and 8 speed channels.</i></p>	
EZ-EXP8-A	8-channel analog expansion box	\$795.00
EZ-EXP8-B	8-channel analog expansion box	\$795.00
EZ-EXP8-C	8-channel analog expansion box	\$795.00
EZ-EXP8-D	8-channel analog expansion box	\$795.00
	<p><i>Allows a Corsa logger to read signals from J1939 truck bus or other CAN bus.</i></p> <ul style="list-style-type: none"> - Up to 50 channels. - Resolves differences in signal rates between bus and datalogger. - Passively monitors bus or can send J1939 standard request messages. 	
EZ-J1939	EZ logger J1939 CAN Bus interface	\$3,395.00
	<p><i>Provides thermocouple interface to Corsa logger adding an additional 8 type K thermocouple interfaces and 2 speed channels. A total of 4 units can be used providing 32 thermocouple sensors channels and 8 speed channels.</i></p> <p>Specifications:</p> <ul style="list-style-type: none"> - Measurement range: 32°F to 2000°F (0°C to 1090°C) - 12 bits resolution (.05°F) - Dimensions 6.3" x 2.4" x 1.3" Weight 9.0 oz. - Supports K type thermocouples with industry standard . mini 2 - blade connectors. 	
EZ-TK8-A	8-channel thermocouple interface, A-Unit	\$795.00
EZ-TK8-B	8-channel thermocouple interface, B-Unit	
EZ-TK8-C	8-channel thermocouple interface, C-Unit	
EZ-TK8-D	8-channel thermocouple interface, D-Unit	

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 <p>USBR-2400 or 900E USBR-900</p>	<p><i>Replacement USB radios for use with all Corsa loggers.</i></p> <p>USB Radio with antenna USB Radio with no antenna</p>	<p>\$250.00 \$250.00</p>
 <p>EZ-AC1 EZ-AC2 EZ-AC3</p>	<p>Product Specifications:</p> <ul style="list-style-type: none"> - Adds 1,2 or 3 channels of analog accelerometer data - Range is +/- 5 g's with .0034g's resolution - Also adds two speed or RPM channels - Dimensions 3.4" x 2.8" x 1.3", Weight 5.4 oz. - Easily mounts to floor or other location on vehicle <p>Accelerometer 1 axis, +/- 5g - one direction - for drag racing.</p> <p>Accelerometer 2 axis, +/- 5g- two directions; latitude and longitude.</p> <p>Accelerometer 3 axis, +/- 5g- three directions; latitude, longitude and vertical.</p>	<p>\$200.00 \$300.00 \$400.00</p>
 <p>CBX-04-EZ CBX-06-EZ CBX-10-EZ CBX-12-EZ CBX-CU-EZ</p>	<p><i>Extension cable with 4-pin rubber connector, for connecting sensor to datalogger.</i></p> <p>4' Extension Sure-seal cable for EZ Loggers 6' Extension Sure-seal cable for EZ Loggers 10' Extension Sure-seal cable for EZ Loggers 12' Extension Sure-seal cable for EZ Loggers Extension Sure-seal cable - Custom specify length</p>	<p>\$20.00 \$20.00 \$20.00 \$20.00 \$25.00</p>





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	<p><i>Sensor and interface box for exhaust pipe to measure air-fuel ratio. (For Unleaded Fuel)</i></p>	<p>\$499.00</p>
<p>AFR1-EZ</p>	<p>1 Channel air-fuel ratio kit with sensor for use with EZII.</p>	<p>\$690.00</p>
<p>AFR2-EZ</p>	<p>2 Channel air-fuel ratio kit with sensor for use with EZII.</p>	
<p>EZ-POINTS</p>	<p><i>EZ logger Points Ignition Adapter</i> For RPM on engines that have distributor ignitions</p>	<p>\$70.00</p>
	<p><i>Used for position measurement, typical applications are throttle position and suspension.</i></p>	
<p>LP75-EZ</p>	<p>Linear Pot, 75mm (approx. 3") Stroke</p>	<p>\$280.00</p>
<p>LP100-EZ</p>	<p>Linear Pot, 100mm (approx. 4") Stroke</p>	<p>\$300.00</p>
<p>LP150-EZ</p>	<p>Linear Pot, 150mm(approx. 6") Stroke</p>	<p>\$300.00</p>
<p>LP200-EZ</p>	<p>Linear Pot, 200mm(approx. 8") Stroke</p>	<p>\$320.00</p>
<p>LP250-EZ</p>	<p>Linear Pot, 250mm(approx. 10") Stroke</p>	<p>\$320.00</p>
<p>LP300-EZ</p>	<p>Linear Pot, 300mm(approx. 12") Stroke</p>	<p>\$320.00</p>
<p>LP350-EZ</p>	<p>Linear Pot, 350mm(approx. 14") Stroke</p>	<p>\$320.00</p>
	<p><i>Used for position measurement, typical applications are throttle position and suspension.</i></p>	
<p>LS1.5-EZ</p>	<p>Linear Pot, 1.5" Stroke, Spring Loaded</p>	<p>\$80.00</p>

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 <p>PS2500GBEZ</p>	<p><i>Used to measure brake fluid pressure and water injection pressure.</i></p> <p>PS 0-2500 psi (also suitable for brake fluid)</p>	<p>\$190.00</p>
 <p>PS30G PS150G PS300G</p>	<p><i>Used to measure oil pressure, fuel pressure, boost, and etc. Has 1/4 NPT male thread includes adapter for 1/8" NPT</i></p> <p>Pressure Sensor 0-30psi Pressure Sensor 0-150psi Pressure Sensor 0-300psi</p>	<p>\$190.00</p>
 <p>PS50A</p>	<p><i>Used to measure manifold absolute pressure.</i></p> <p>Pressure Sensor 0-50 psi Absolute</p>	<p>\$190.00</p>
 <p>PSCONN</p>	<p>Replacement Connector adapter for pressure sensors</p>	<p>\$10.00</p>
<p>PSA-EZ</p>	<p>Low Differential Pressure Sensor (0-1.25 psi)</p>	<p>\$140.00</p>
<p>PSM-EZ</p>	<p>Manifold Absolute Pressure Sensor 1 Bar</p>	<p>\$110.00</p>
 <p>PST-EZ</p>	<p><i>Used to measure manifold absolute pressure up to 14 psi.</i></p> <p>Turbo MAP Pressure Sensor 2 Bar (up to 28 psi)</p>	<p>\$110.00</p>





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	<p><i>Used to measure speed, magnets are included.</i></p>	
SS1-EZ	Speed Sensor - hall effect, magnets.	\$70.00
	<p><i>Used to measure speed, magnets are included, for Lenco transmissions only.</i></p>	
SS2-EZ	Speed Sensor - magnets, good for Lenco trans	\$50.00
	<p><i>Used to measure position, commonly in steering and throttle.</i></p>	
SP10-EZ	String Pot, Miniature, 10" Stroke	\$199.00
SP20-EZ	String Pot, Miniature, 20" Stroke	
	<p><i>Used for RPM or wheel speed.</i></p>	
SS5-EZ	Speed Sensor - no magnets required	\$70.00
SS6-EZ	<p><i>Used for installation on Turbo Charger</i></p> <p>Turbocharger Speed Sensor</p>	\$380.00

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 <p>SS7-EZ</p>	<p><i>Optical Speed Sensor; uses retroreflective tape to mark a driveshaft, axle or belt, which then measured by the optical sensor.</i></p> <p>Optical speed sensor</p>	<p>\$260.00</p>
 <p>TK-RUB</p>	<p><i>Measures brake rotor and other moving surfaces.</i></p> <p>Spring loaded thermocouple sensor</p>	<p>\$90.00</p>
 <p>TK-CH</p>	<p><i>Bolt on temperature sensor</i></p> <p>Thermocouple for Cylinder Head</p>	<p>\$49.00</p>
<p>TK-SP14</p>	<p><i>Measures cylinder head temp using spark plug</i></p> <p>Thermocouple for spark plug, 14 mm</p>	<p>\$49.00</p>
 <p>TK-SUR</p>	<p><i>Measures brake pads temperature and other embedded apps.</i></p> <p>Thermocouple, 1/8" dia brass plug</p>	<p>\$49.00</p>
 <p>TKA1-5V</p>	<p><i>Connects a single thermocouple to Corsa Logger.</i></p> <p>Thermocouple Interface, 1 channel, 5V input</p>	<p>\$139.00</p>




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 <p>TKB</p>	<p><i>Weld bung for installing Thermocoupler for header temperature. 1/8" NTP female</i></p> <p>Weld-on thermocouple fitting</p>	<p>\$4.00</p>
 <p>TKF</p>	<p><i>Stainless steel compression connection - male 1/8" NPT for TK1, TK2</i></p> <p>Fitting for EGT thermocouples</p>	<p>\$10.00</p>
 <p>TKF6</p>	<p><i>Stainless steel compression connection - male 1/8" NPT for TK6.</i></p> <p>Fitting for TK6</p>	<p>\$10.00</p>
<p>TKIR2</p>	<p><i>Used to measure tire temperature</i></p> <p>Infrared Thermocouple</p>	<p>\$180.00</p>
 <p>TK1 TK2 TK2L TK6 TK6L</p>	<p><i>Used to measure liquid or air temperature</i></p> <p>Thermocouple, 1/8" standard, 36" cable Thermocouple, Fast Response, 36" cable Thermocouple, Fast Response Long (72") cable Thermocouple, 3/16 Heavy Duty, 36" cable Thermocouple, 3/16 Heavy Duty, Long (60") cable</p>	<p>\$49.00 \$59.00 \$79.00 \$49.00 \$69.00</p>




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 <p>WV-EZ</p>	<p><i>Measures voltage</i></p> <p>Adapter for voltage input to Data Logger (0-16V)</p>	<p>\$20.00</p>
 <p>EZ-RB</p>	<p><i>Cable to by-pass radio interface when nessecary.</i></p> <p>12' EZ logger Radio Bypass Cable</p>	<p>\$20.00</p>
 <p>EZ-RLY</p>	<p><i>Allows Corsa EZ logger to control solenoid or other external device, up to 2 per logger.</i></p> <p>Relay Kit</p>	<p>\$15.00</p>
 <p>EZ5-S2</p>	<p>Corsa EZ Logger speed “splitter” for peripherals adds 2 speed channels for EZ-TK8 modules.</p>	<p>\$70.00</p>
 <p>EZ8-S3C123</p> <p>EZ8-S3C345</p>	<p>3-way splitter for channels 1 through 3</p> <p>3-way splitter for channels 3 through 5</p>	<p>\$70.00</p>
 <p>EZ8-S5</p>	<p><i>Allows for the connection of five sensors to Corsa data loggers.</i></p> <p>5-way splitter cable for sensors</p>	<p>\$90.00</p>


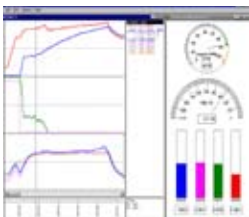

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 <p>EZB-2 EZB-4 EZB-6 EZB-10</p>	<p><i>Connects peripherals to Corsa data loggers.</i></p> <p>2' Corsa Data Logger peripheral bus cable 4' Corsa Data Logger peripheral bus cable 6' Corsa Data Logger peripheral bus cable 10' Corsa Data Logger peripheral bus cable</p>	<p>\$40.00</p>
<p>EZB-YF</p>	<p><i>Supports multi-peripherals interface to Corsa data loggers connection.</i></p> <p>Bus "Y" cable, female splitter to 2 female connectors, 1' each, has radio bypass -</p>	
 <p>EZBN-MF-2 EZBN-MF-4 EZBN-MF-6 EZBN-MF-8 EZBN-MF-10 EZBN-MF-12</p>	<p><i>Extends length of bus connection cable.</i></p> <p>2' Corsa peripheral bus cable extension - male to female. 4' Length 6' Length 8' Length 10' Length 12' Length</p>	<p>\$30.00</p>
 <p>J1939-C3T J1939-C3U</p>	<p><i>Connects Corsa loggers to standard 3-pin truck bus converter commonly found under the hood.</i></p> <p>J1939 3-pin cable with terminating resistor J1939 3-pin cable without terminating resistor</p>	<p>\$40.00</p>

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	<p><i>Connects Corsa Loggers to standard 9-pin truck bus converter commonly found under the dash.</i></p>	
J1939-C9	J1939 9-pin cable	\$60.00
USB-15	15' extension cable for Corsa USB Radio	\$12.00
	<p><i>Data Logger Power Cables</i></p>	
VC8-P VC8-1 VC8-2 VC8-G+	Basic Standard power cable - with hookups for run switch, run light, lap -with hookups for run switch, 2 alarms, run light, lap VC8 cable, no power - just ground, run switch and light	\$20.00 \$30.00 \$50.00 \$45.00
	<p><i>Interface logger to non-Corsa sensors with 5V output.</i></p>	
WA-SS	Sure-Seal Adapter for 0-5v input - Tach (Brown wire)	\$10.00
WS	<p><i>Add a switch to mark data</i></p> Adapter wire for switch (Red/Black wires)	\$20.00

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 <p>WCB</p>	<p>Product Features <i>Strip Chart views / overlay of datasets</i> <i>Traction Circle</i> <i>Histogram view</i> <i>Raw data display</i> <i>Channel averaging and filtering</i></p> <p>WinCorsa Basic Software</p>	<p>\$95.00</p>
 <p>WCP</p>	<p>Additional Features <i>Calculated channels</i> <i>Multi-Histograms</i> <i>Dash and advanced charts</i></p> <p>WinCorsa Pro Software</p>	<p>\$245.00</p>
 <p>WCP-INC</p>	<p><i>Upgrade Corsa Basic to Pro Version</i></p> <p>WinCorsa Pro software upgrade</p>	<p>\$150.00</p>