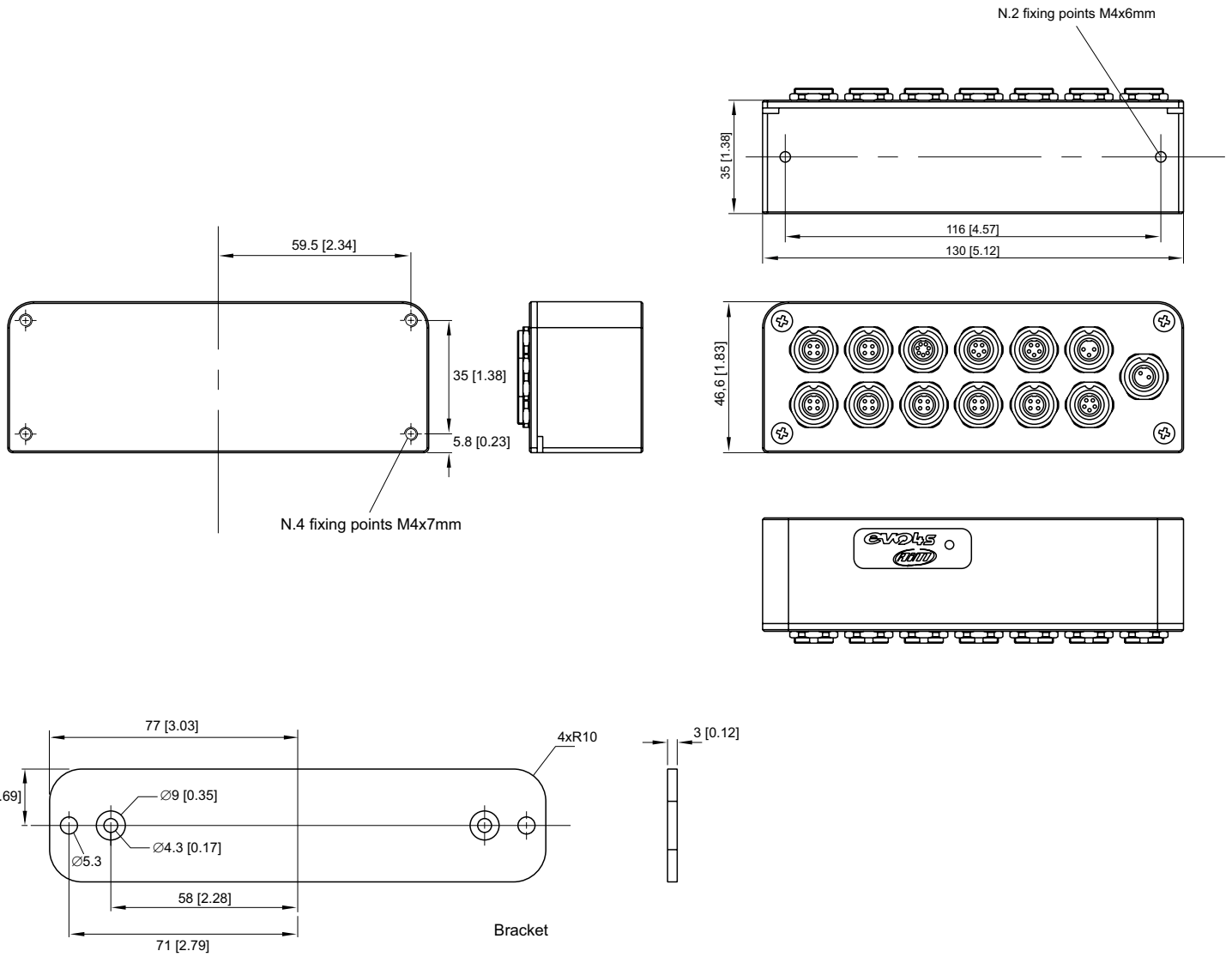




AiM EVO4S

Logger





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Technical specifications

ECU connection	CAN, RS232 or K-Line to 2,000+ industry leading ECUs
External modules	GPS09c, Channel Expansion, TC Hub, Lambda Controller, SmartyCam 3
Analog inputs	5 fully configurable, max 500 Hz each
Digital inputs	2 Speed inputs, lap signal, coil RPM input
Inertial platform	Internal 3 axis $\pm 5G$ accelerometer + 3 axis gyro
Digital outputs	1 (1 Amp max)
Internal memory	4 GB
Connectors	13 Binder connectors
Body	Anodized Aluminum
LEDs	1 system status
Dimensions	130 x 35 x 46.6 mm
Weight	330 g
Waterproof	IP65



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In the box

Two kits are available:

Kit 1

EVO4S, GPS09c (different lengths, see below), 1 power cable, 1 digital output + RPM cable, **1 CAN cable**, 1 USB cable, mounting bracket. User manual & Race Studio 3 software freely downloadable from AiM web site.

- X61E4S1301** EVO4S with GPS09c 1.3 m cable length
- X61E4S4001** EVO4S with GPS09c 4 m cable length
- X61E4S20R1** EVO4S with GPS09c Roof version 2 m cable length
- X61E4S40R1** EVO4S with GPS09c Roof version 4 m cable length

Kit 2

EVO4S, GPS09c (different lengths, see below), 1 power cable, 1 digital output + RPM cable, **1 OBD2 cable** (CAN + K-Line), 1 USB cable, mounting bracket. User manual & Race Studio 3 software freely downloadable from AiM web site.

- X61E4S1302** EVO4S with GPS09c 1.3 m cable length
- X61E4S4002** EVO4S with GPS09c 4 m cable length
- X61E4S20R2** EVO4S with GPS09c Roof version 2 m cable length
- X61E4S40R2** EVO4S with GPS09c Roof version 4 m cable length

Accessories

- V02585060** RS232 cable
- V02585010** CAN + power cable

Spare parts

- V02551200** Power cable
- V02585020** Digital output + RPM cable
- V02585040** CAN cable
- V02585030** OBD2 (CAN + K-Line) cable
- V02563030** USB cable

Sports bikes connection kits for EVO4S

AiM designs specific applications to allow easy connection of EVO4S on sports bikes. The available kits for several Ducati, Kawasaki and Suzuki models* are:

- V02569170** ■ Cable for
 - Ducati 848, 1098, 1198
 - Ducati 899, 959, 1199, 1299 Panigale
 - Ducati Hypermotard 796, Multistrada 1200
- V02569220** ■ Cable for **Kawasaki ZX-10R**
- V02569140** ■ Cable for **Suzuki GSX-R**

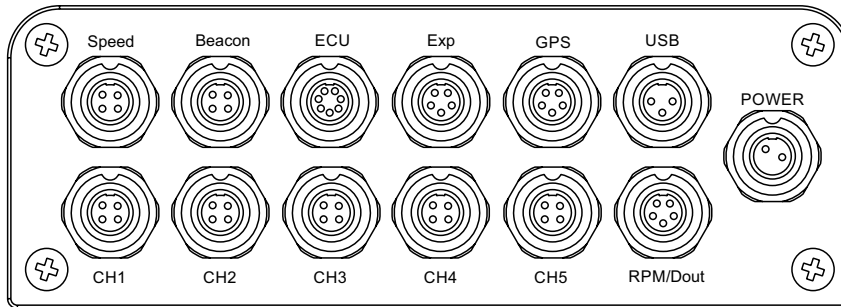
* **Please note:** check on our web site details about compatibility with models and years.
















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Pinout



<p>Speed 4 pins Binder 712 female connector (external view)</p>  <p>1 - Speed 1 2 - GND 3 - +Vb output 4 - Speed 2</p>	<p>Beacon 4 pins Binder 712 female connector (external view)</p>  <p>1 - Magnetic Lap 2 - GND 3 - +Vb output 4 - Optical Lap</p>	<p>ECU 7 pins Binder 712 female connector (external view)</p>  <p>1 - CAN1+ 2 - CAN1- 3 - 9-15V power input 4 - RS232TX 5 - RS232RX 6 - K Line 7 - Battery GND</p>	<p>Exp 5 pins Binder 712 female connector (external view)</p>  <p>1 - CAN+ Exp 2 - GND 3 - +Vb out CAN 4 - CAN- exp 5 - +Vbext CAN</p>	<p>GPS 5 pins Binder 712 female connector (external view)</p>  <p>1 - CAN+ Exp 2 - GND 3 - +Vb out CAN 4 - CAN- exp 5 - +Vbext CAN</p>	<p>USB 3 pins Binder 712 female connector (external view)</p>  <p>1 - USB D+ 2 - USB D- 3 - GND</p>	<p>Power 2 pins Binder 712 female connector (external view)</p>  <p>1 - 9-15V Power Input 2 - GND</p>
<p>CH1 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 1 2 - Analog GND 3 - +Vb output 4 - Vreference</p>	<p>CH2 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 2 2 - Analog GND 3 - +Vb output 4 - Vreference</p>	<p>CH3 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 3 2 - Analog GND 3 - +Vb output 4 - Vreference</p>	<p>CH4 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 4 2 - Analog GND 3 - +Vb output 4 - Vreference</p>	<p>CH5 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 5 2 - Analog GND 3 - +Vb output 4 - Vreference</p>	<p>RPM/Dout 5 pins Binder 712 female connector (external view)</p>  <p>1 - RPM 2 - GND 3 - n.c. 4 - n.c. 5 - Digital output</p>	