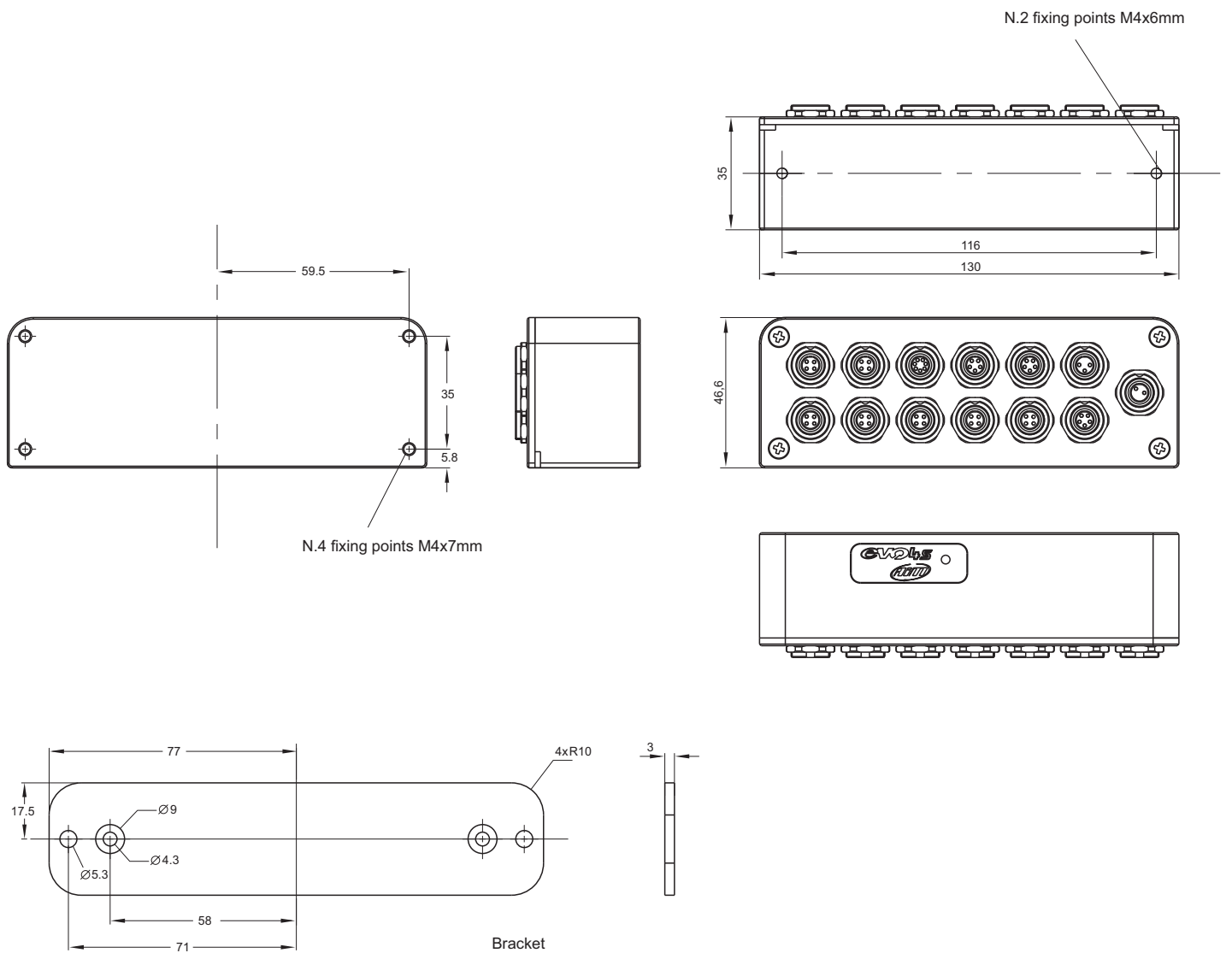
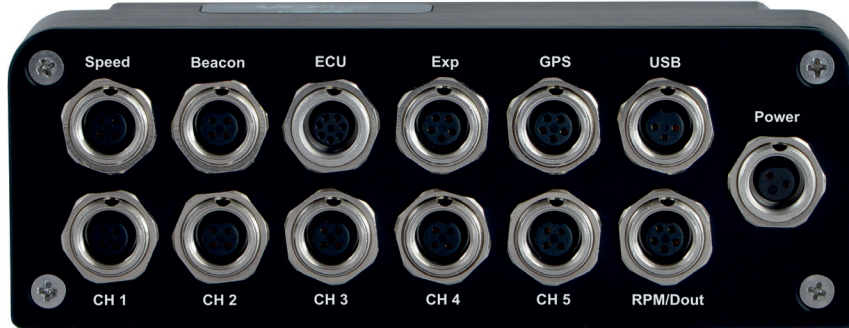


# AiM EVO4S

## Logger



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## Logger

### Technical specifications

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

# AiM EVO4S

## Logger

### In the box

Two kits are available:

### Kit 1

EVO4S, GPS08 Module (different lengths, see below), 1 power cable, 1 digital output + RPM cable, **1 CAN cable**, 1 USB cable, bracket, Race Studio 3 software CD

<b>X61E4SGPS130</b>	EVO4S with GPS08 Module 1.3 m length cable
<b>X61E4SGPS400</b>	EVO4S with GPS08 Module 4 m length cable
<b>X61E4SGPS2RF</b>	EVO4S with GPS08 Module Roof version 2 m length cable
<b>X61E4SGPS4RF</b>	EVO4S with GPS08 Module Roof version 4 m length cable

### Kit 2

EVO4S, GPS08 Module (different lengths, see below), 1 power cable, 1 digital output + RPM cable, **1 OBD2\* cable**, 1 USB cable, bracket, Race Studio 3 software CD

<b>X61E4SGPS130BD</b>	EVO4S with GPS08 Module 1.3 m length cable
<b>X61E4SGPS40BD</b>	EVO4S with GPS08 Module 4 m length cable
<b>X61E4SGPS2RFBD</b>	EVO4S with GPS08 Module Roof version 2 m length cable
<b>X61E4SGPS4RFBD</b>	EVO4S with GPS08 Module Roof version 4 m length cable

### Spare parts

<b>V02551200</b>	Power cable
<b>V02585020</b>	Digital output + RPM cable
<b>V02585040</b>	CAN cable
<b>V02585030</b>	OBD2* cable
<b>V02563030</b>	USB cable
<b>X61KSTEVO4S</b>	Bracket

### Accessories

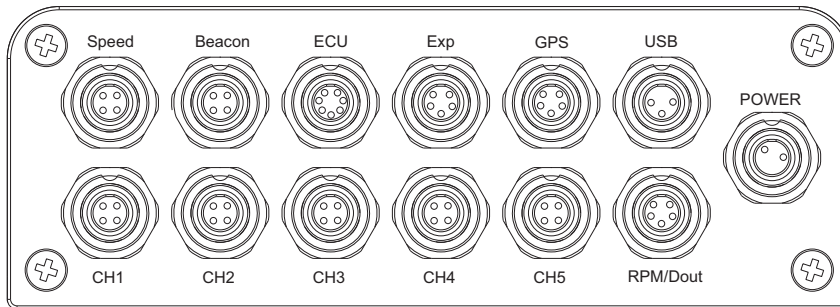
<b>V02585060</b>	RS232 cable
<b>V02585010</b>	CAN + power cable














\* CAN + K Line

# AiM EVO4S

## Logger

### Pinout



<p><b>Speed</b> 4 pins Binder 712 female connector (external view)</p>  <p>1 - Speed 1 2 - GND 3 - +Vb out 4 - Speed 2</p>	<p><b>Beacon</b> 4 pins Binder 712 female connector (external view)</p>  <p>1 - Magnetic lap 2 - GND 3 - +Vb out 4 - Optical lap</p>	<p><b>ECU</b> 7 pins Binder 712 female connector (external view)</p>  <p>1 - CAN1+ 2 - CAN1- 3 - 9-15V power in 4 - RS232 TX 5 - RS232 RX 6 - K Line 7 - Battery GND</p>	<p><b>Exp</b> 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><b>GPS</b> 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><b>USB</b> 3 pins Binder 712 female connector (external view)</p>  <p>1 - USB D+ 2 - USB D- 3 - GND</p>	<p><b>POWER</b> 2 pins Binder 712 female connector (external view)</p>  <p>1 - 9-15V Power In 2 - Battery GND</p>
<p><b>CH1</b> 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 1 2 - Analog GND 3 - +Vbat out 4 - Vreference</p>	<p><b>Ch2</b> 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 2 2 - Analog GND 3 - +Vb out 4 - Vreference</p>	<p><b>CH3</b> 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 3 2 - Analog GND 3 - +Vb out 4 - Vreference</p>	<p><b>CH4</b> 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 4 2 - Analog GND 3 - +Vb out 4 - Vreference</p>	<p><b>CH5</b> 4 pins Binder 712 female connector (external view)</p>  <p>1 - Anaolg Input 5 2 - Analog GND 3 - +Vb out 4 - Vreference</p>	<p><b>RPM/Dout</b> 5 pins Binder 712 female connector (external view)</p>  <p>1 - RPM 2 - GND 3 - nc 4 - nc 5 - Digital output</p>	



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