



AIMSHOP.COM



• LAP TIMERS • LOGGERS • CAMERAS • DASHES • SENSORS • AND MORE

SHOP NOW

AiM Infotech

AiM EVO4S Logger

Release 1.06



VISIT SUPPORT CENTER

SOFTWARE DOWNLOADS

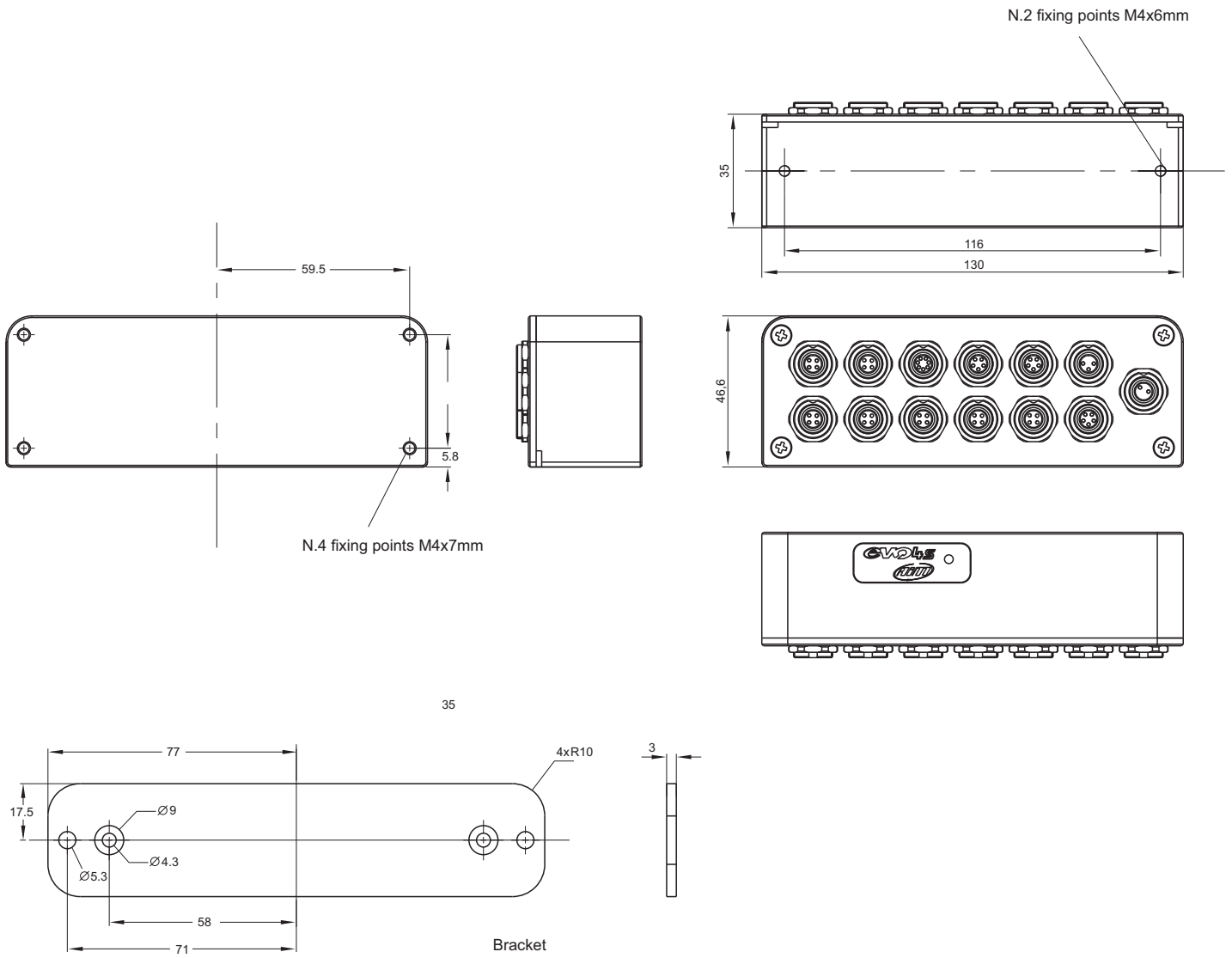
FIRMWARE UPDATES

PRODUCT DOCUMENTATION



AiM EVO4S

Logger



AiM EVO4S

Logger

Technical specifications

ECU connection	CAN, RS232 or K-Line to 1,000+ industry leading ECUs
External modules	GPS module, Channel expansion, TC Hub, Lambda controller, SmartyCam HD
Analog inputs	5 fully configurable, max 1,000 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

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

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

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

Spare parts

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

Accessories

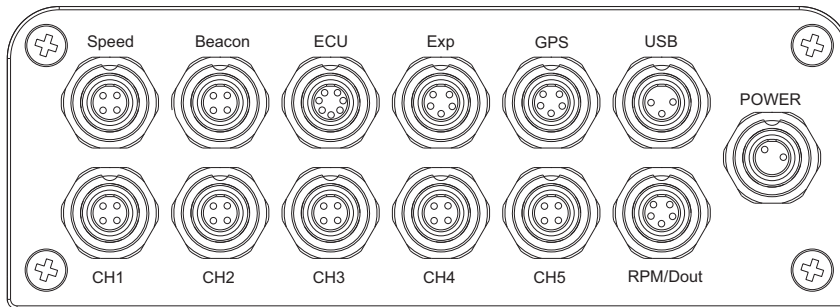
V02585060	RS232 cable
V02585010	CAN + power cable














* CAN + K Line

AiM EVO4S

Logger

Pinout



<p>Speed 4 pins Binder 712 female connector (external view)</p>  <p>1 - Speed 1 2 - GND 3 - +Vb out 4 - Speed 2</p>	<p>Beacon 4 pins Binder 712 female connector (external view)</p>  <p>1 - Magnetic lap 2 - GND 3 - +Vb out 4 - Optical lap</p>	<p>ECU 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>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 In 2 - Battery GND</p>
<p>CH1 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 1 2 - Analog GND 3 - +Vbat out 4 - Vreference</p>	<p>Ch2 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 2 2 - Analog GND 3 - +Vb out 4 - Vreference</p>	<p>CH3 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 3 2 - Analog GND 3 - +Vb out 4 - Vreference</p>	<p>CH4 4 pins Binder 712 female connector (external view)</p>  <p>1 - Analog Input 4 2 - Analog GND 3 - +Vb out 4 - Vreference</p>	<p>CH5 4 pins Binder 712 female connector (external view)</p>  <p>1 - Anaolg Input 5 2 - Analog GND 3 - +Vb out 4 - Vreference</p>	<p>RPM/Dout 5 pins Binder 712 female connector (external view)</p>  <p>1 - RPM 2 - GND 3 - nc 4 - nc 5 - Digital output</p>	

