



AiM Infotech

AiM EVO4S Logger

Release 1.06



VISIT SUPPORT CENTER

SOFTWARE DOWNLOADS

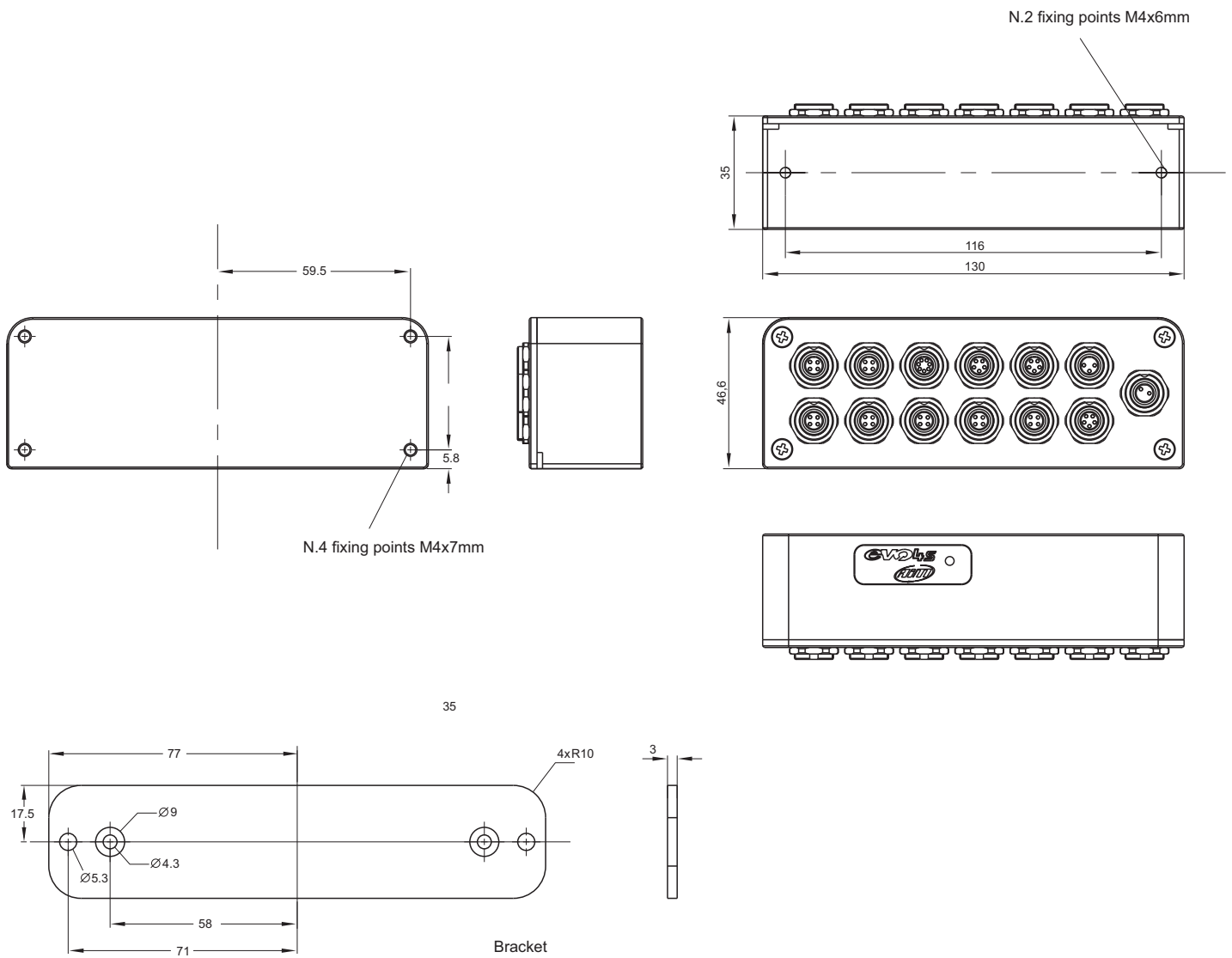
FIRMWARE UPDATES

PRODUCT DOCUMENTATION



AiM EVO4S

Logger



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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

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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 lenght cable
X61E4SGPS400	EVO4S with GPS08 Module 4 m lenght cable
X61E4SGPS2RF	EVO4S with GPS08 Module Roof version 2 m lenght cable
X61E4SGPS4RF	EVO4S with GPS08 Module Roof version 4 m lenght 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 lenght cable
X61E4SGPS40BD	EVO4S with GPS08 Module 4 m lenght cable
X61E4SGPS2RFBD	EVO4S with GPS08 Module Roof version 2 m lenght cable
X61E4SGPS4RFBD	EVO4S with GPS08 Module Roof version 4 m lenght cable

Spare parts

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

Accessories

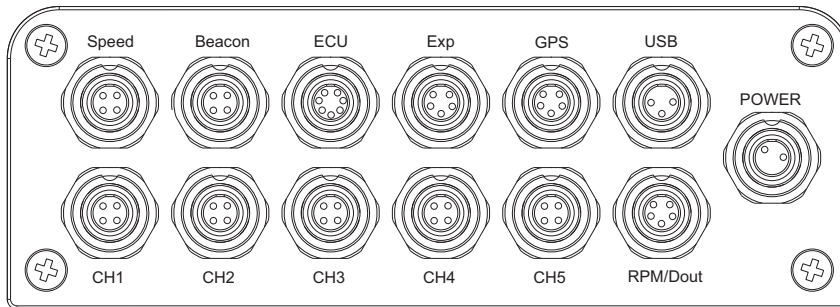
V02585060	RS232 cable
V02585010	CAN + power cable

* CAN + K Line

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Pinout



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



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