

Technical Documentation

AiM Shift Light Module I external shift light



TD

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Description AiM Shift Light Module

The **AiM Shift Light Modul** uses its 10 RGB LEDs to indicate the upcoming gear change to the driver. Whether the same or different for each gear can be freely configured in RaceStudio 3.

Alternatively, it can also be used for lap time prediction (MXx only). The LEDs then show a defined colour if you are faster than your best time or a different colour if you are slower. You can set when the LEDs should change colour, e.g. in 0.1 second increments.

Special Features AiM Shift Light Module

- AiM CAN Bus network (EXP)
- 10 RGB lights
- Gear shift indicator
- Lap time prediction (only MXx)

Technical Data AiM Shift Light Module

Shift lights:	10x RGB, free configurable
CAN-connections:	1
Connector:	Binder 711, 5-pin
Dimensions:	116x27x17 mm
Weight:	70 gr
Protection class:	IP65
Power consumption:	~50mA

Overview of Shift Light Module

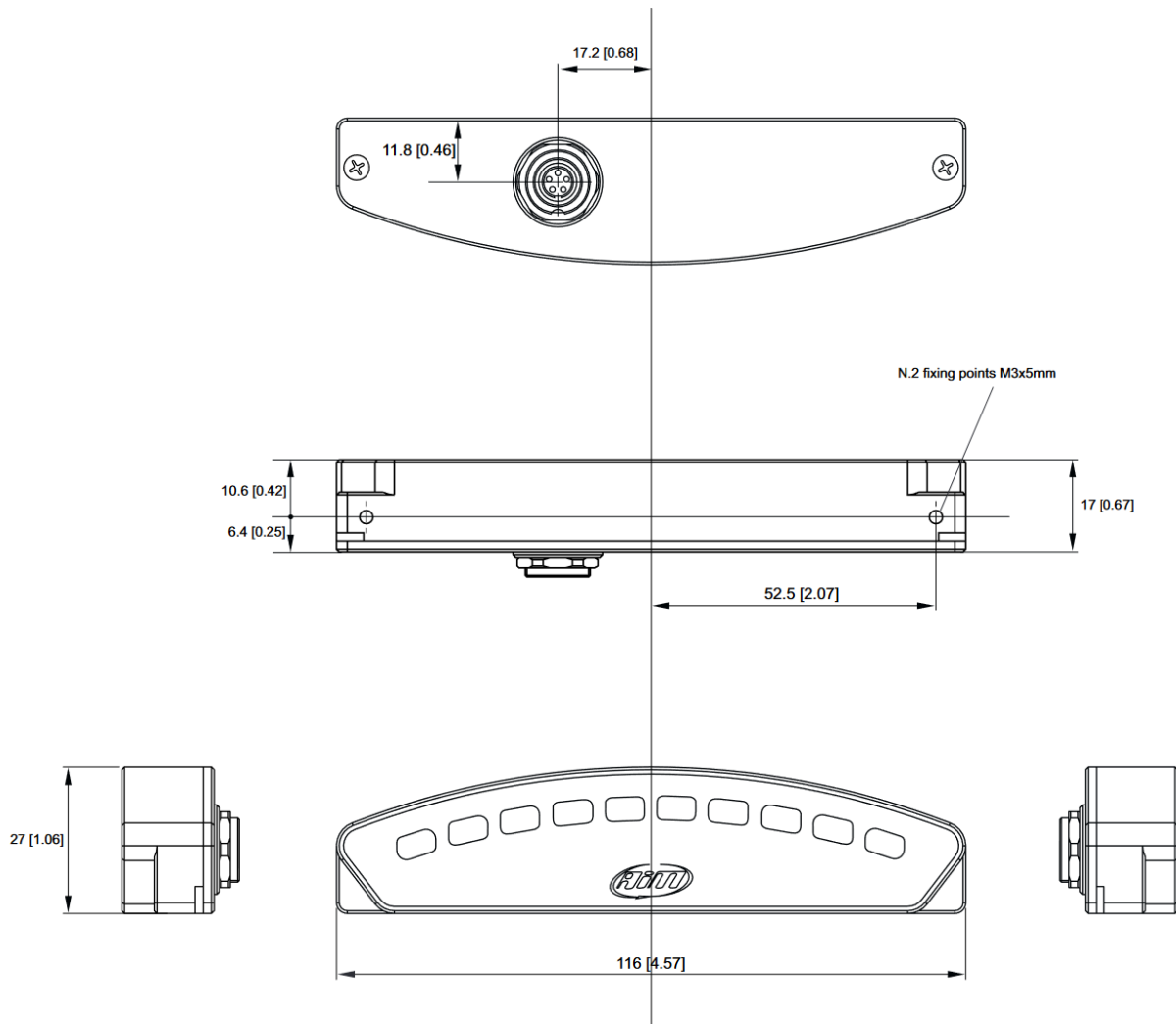


Shift Light Module

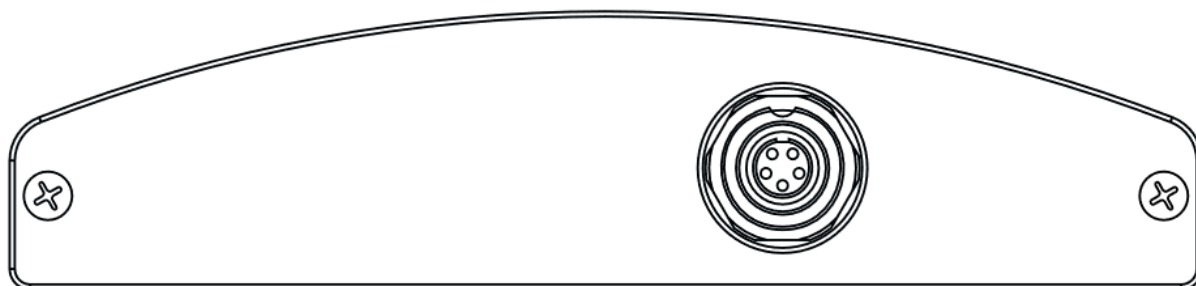
Shift Light Module	
Supply	
Power supply	9 - 15 VDC
Power consumption mA [max.]	50
Inputs	
Analogue [optional]	-
Analogue 0 - 5 V	-
Digital [optional]	-
Thermocouple [optional]	-
Speed	-
Outputs	
Signal	-
Reference voltage	-
Communication	
CAN Interface	1
RS232	-
USB	-
Storage	
Storage in GB [optional]	-
Total sample rate	-
Sample rate per channel	-
Other	
Acceleration sensor	-
Gyroscope	-
Connector	Binder 711 5-p
Shift lights	10 RGB
Measurements	116 x 27 x 17 mm
Weight	70 gr
Protection class	IP65
compatible devices	
evo4s	x
evo5	x
MXT	x
MXG	x
MXP	x
MXS	x
MXm	x
MXT Strada	x
MXG Strada	x
MXP Strada	x
MXS Strada	x
MXL2	x
MXsl	x
MXK10	-
MX2E	x
MXPS	-
PDM08	x
PDM32	x
Solo 2	-
Solo 2 DL	-
SW4	x
SmartyCam 3 Sport	-
SmartyCam 3 Corsa	-
SmartyCam 3 GP	-
SmartyCam 3 Dual	-
MyChron5S	-

x = standard | o = optional | - = not possible | Digit = amount

Measurement AiM Shift Light Module

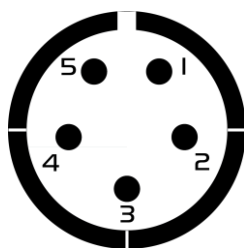


Pinout AiM Shift Light Module



EXP | Binder 711 5 pin

Pin	Function	Pin	Function
1	EXP CAN +	4	EXP CAN -
2	EXP Ground	5	EXP +Vbat out
3	Not connected		



Scope of supply AiM Shift Light Module

BSLM011-101	Shift Light Modul MXx, evo4s, evo5, 711m-5p
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Store

Accessory AiM Shift Light Module

CAK-SCE101 Connecting cable EXP, 100 cm, 711m-5p, 711m-5p



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BDAHU11-4101 Data Hub, 4-port, 150 cm, 711



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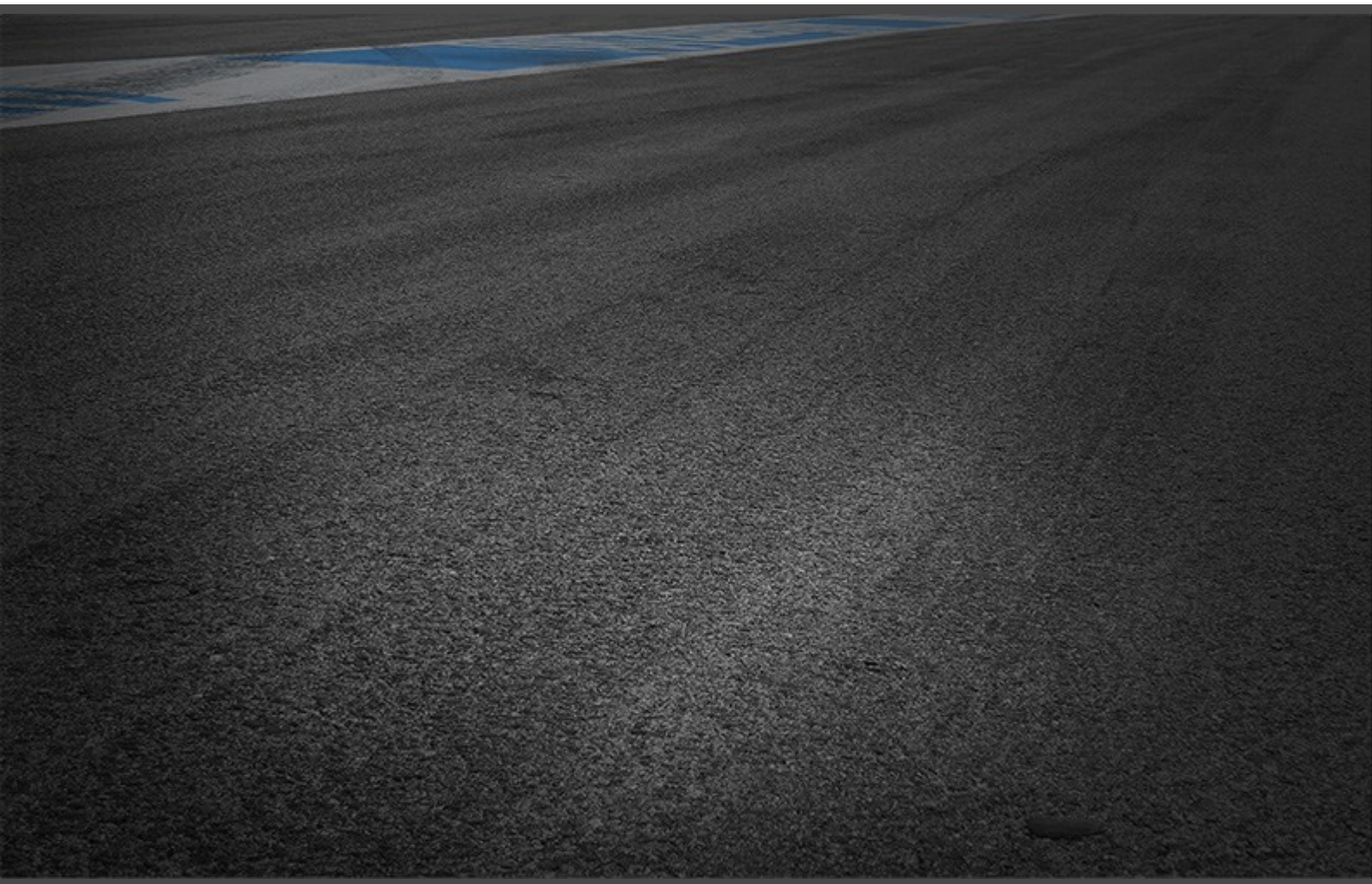
CVK-150103 Extension 150 cm, 711m – 711f, 5 pin



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Release History

Release	Date	Author	Comments
100	05.03.2024	TME	First release



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