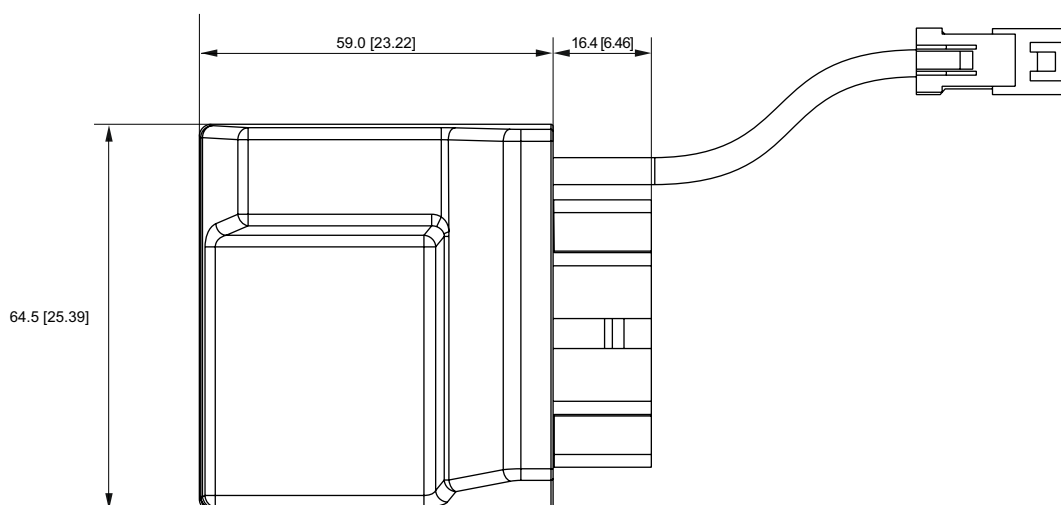
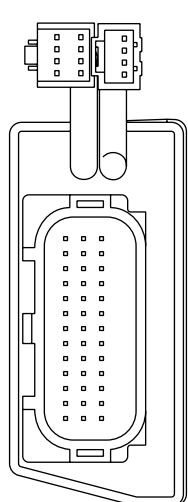
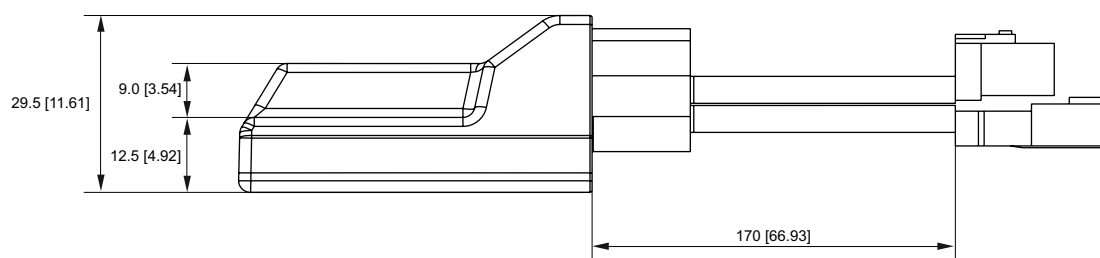




AiM ECU Taipan Y v2 & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS





AiM ECU Taipan Y v2 & accessories

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Technical specifications

Plug 'n play ECU for :

AiM ECU Taipan Y v2 Compatible models	Bikes				
	Brand	Type	Race	From Year	To Year
	YAMAHA	YZ 250 F	Cross	2024	2025
		YZ 450 F	Cross	2023	2025

Additional characteristics to the stock ECU:

- Two 0-5V analog inputs sampled @ 1,000 Hz each, could be alternatively used as switch to ground
- Second injector driver for high impedance saturated injectors (12Ω)
- One low side driver (1A)
- 1 CAN bus for calibration purposes
- 2 JST JWPF waterproof auxiliary connectors
- Power consumption 150 mA

- Connectors: n.1 JST 04T-JWPF-VSLE-S Connector
n.1 JST 08R-JWPF-VSLE-D Connector
n.1 39 pin male Connector
- Body: PA6 + 30% glass fiber
- Dimensions: 64.5x59x29.5 mm
- Waterproof: IP67
- Weight: 150 g approx



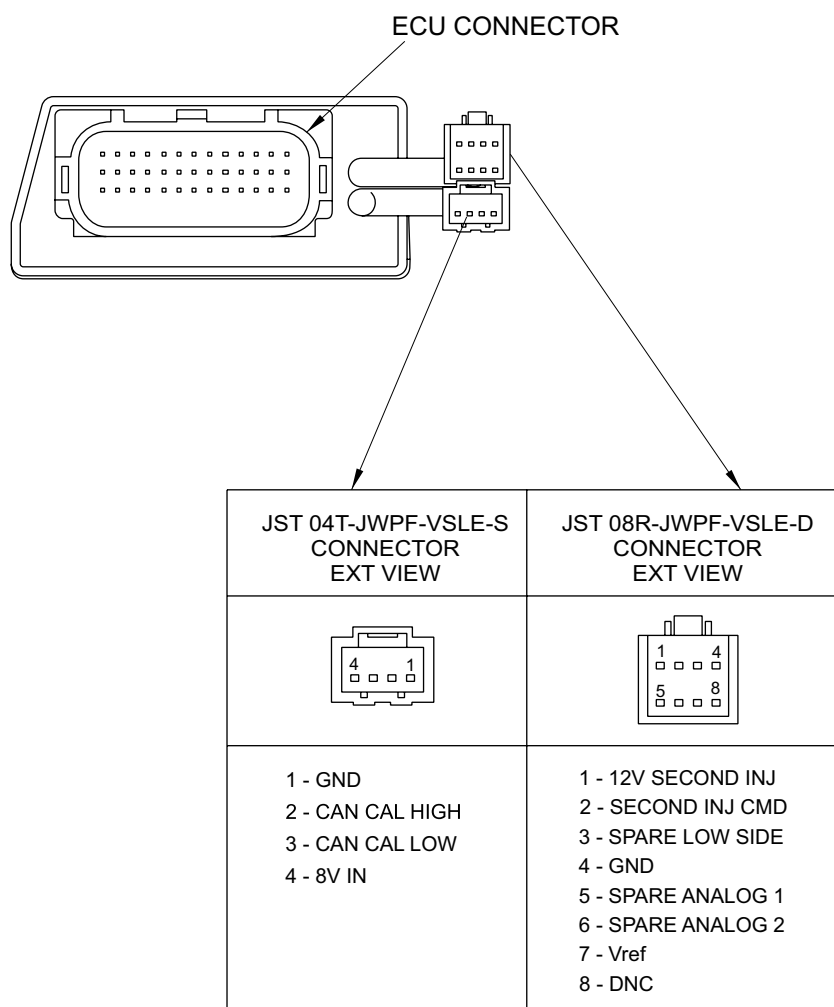
AiM ECU Taipan Y v2 & accessories

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Part numbers (ECU Taipan Y v2 & accessories)

XE1ECUTYV2	ECU Taipan Y v2
XE1HBS200	HBS2 (cable V02596140 is necessary)
V02596140	CAN + EXT Power Taipan Y v2 cable
X08CANBTM00	CAN-BT Module + ECU AiM Harness 40 cm
XE1UCB000	UC Bridge
XE1UCBT00	UC Bridge Tuner

Pinout

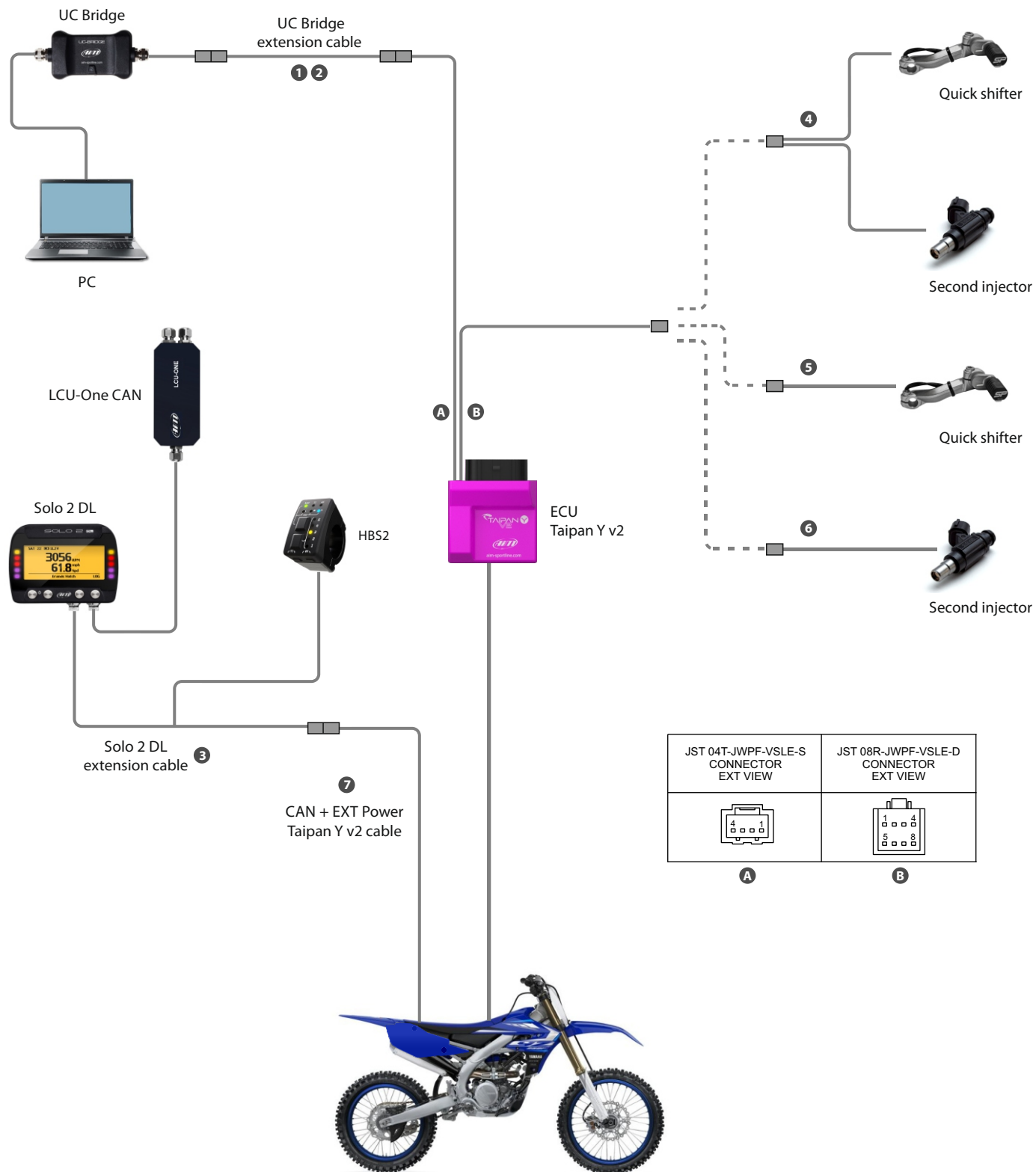




AiM ECU Taipan Y v2 & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

Functional diagram





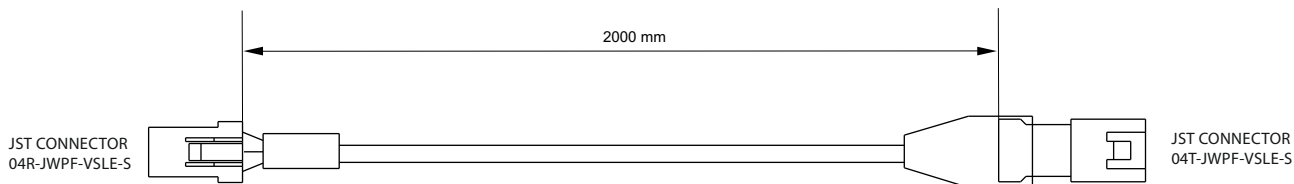
AiM ECU Taipan Y v2 & accessories

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Optional cables

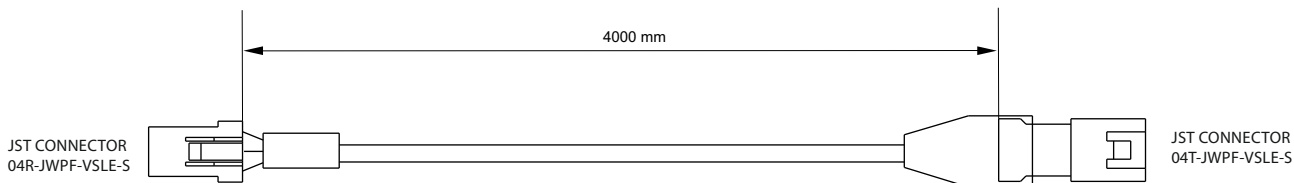
1 UC Bridge extension cable 2 m

Part number V02596020



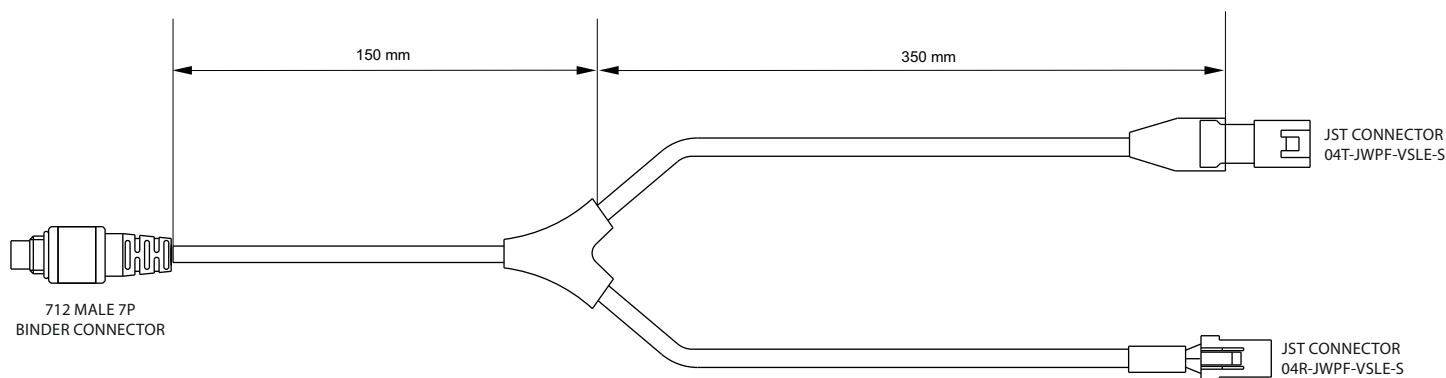
2 UC Bridge extension cable 4 m

Part number V02596030



3 Solo 2 DL extension cable 50 cm

Part number V02589120





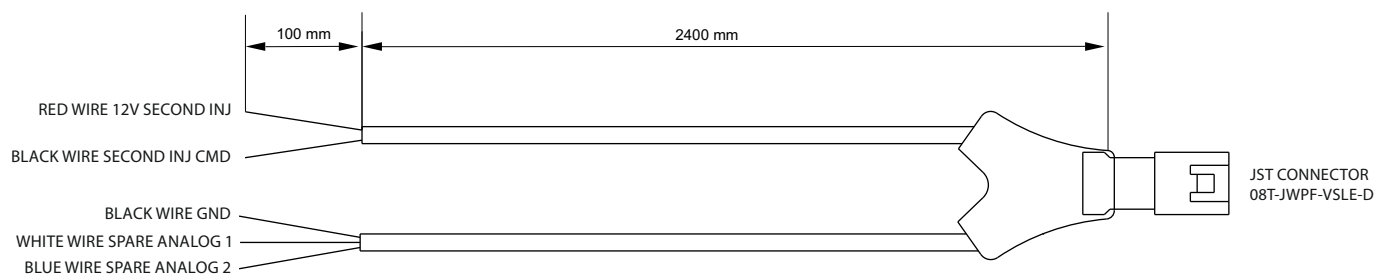
AiM ECU Taipan Y v2 & accessories

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Optional cables

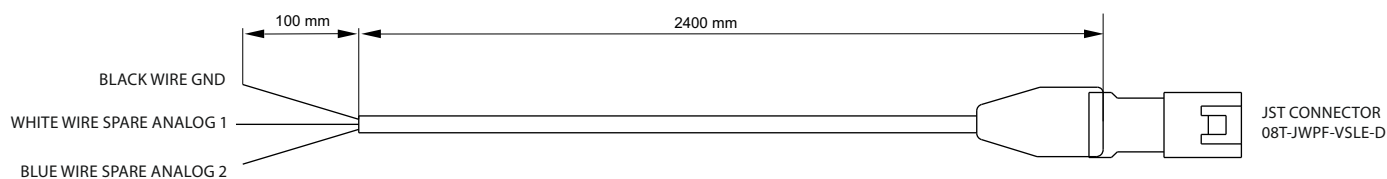
4 Analog channels and second injection harness

Part number V02596060



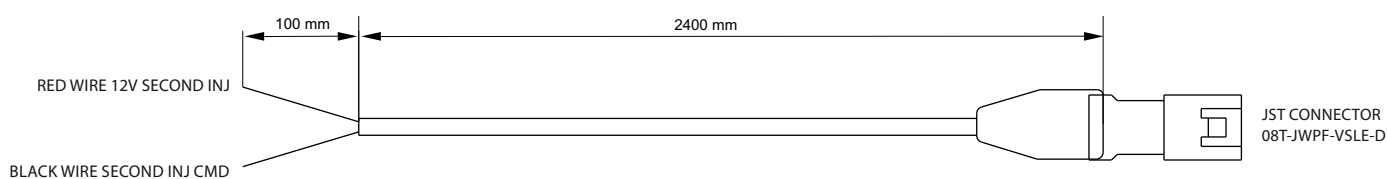
5 Analog channels harness

Part number V02596070



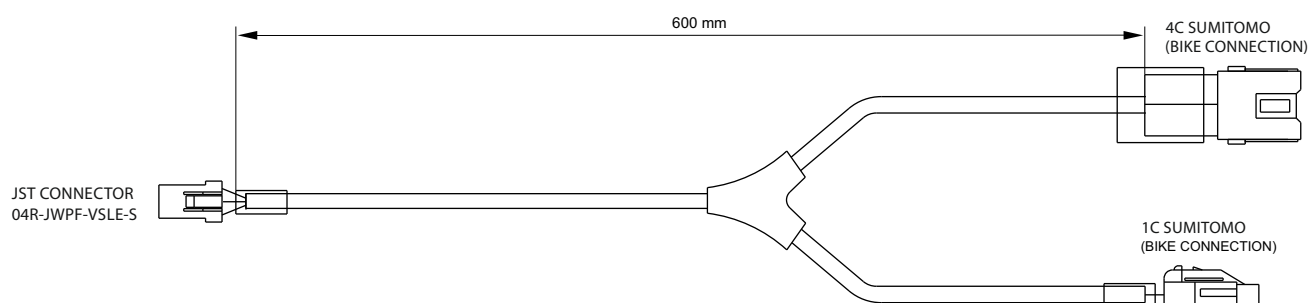
6 Second injection harness

Part number V02596080



7 CAN + EXT Power Taipan Y v2 cable

Part number V02596140



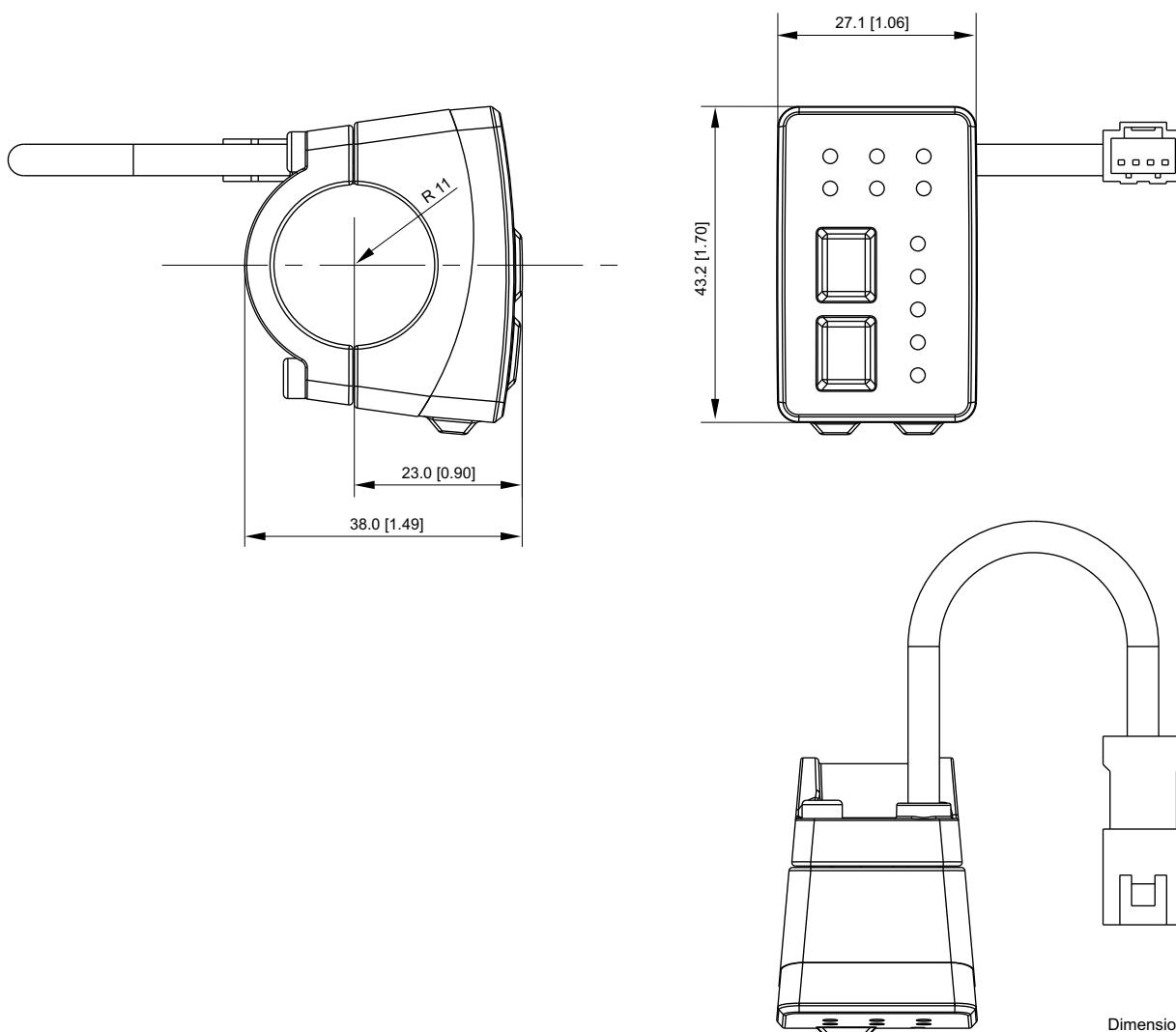


AiM ECU Taipan Y v2 & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

Accessories:

HBS2 (Handle Bar Switch 2)



Dimensions in mm [inches]



AiM ECU Taipan Y v2 & accessories

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Accessories:

HBS2 main features

- Map selection: Up to 5 selectable maps
- Fuel Correction: for low, middle, and high RPM
- Launch control at different levels
- Traction control at different levels
- Enable quickshift using the button on models equipped with a factory electronic shifter

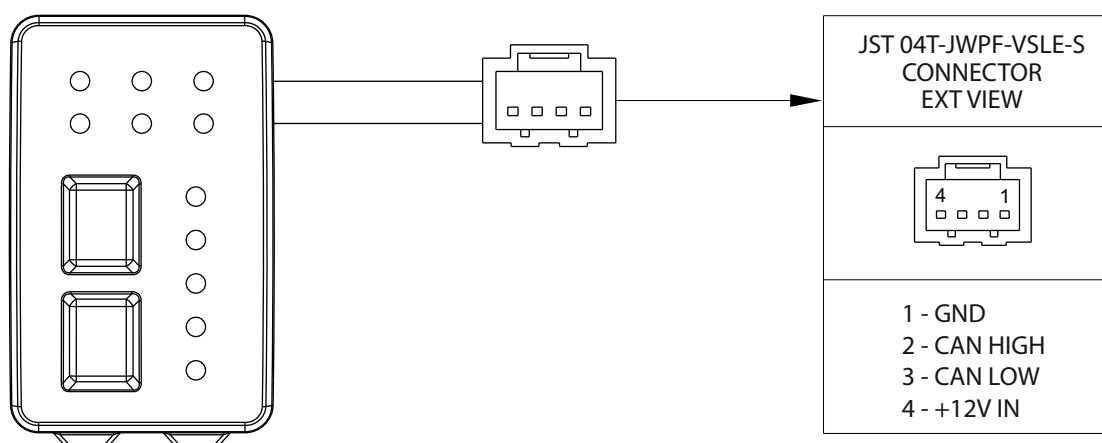
Technical specifications

Connector	1 JST 04T-JWPF-VSLE-S waterproof connector for CAN BUS communication
Body	PA6 + 30% glass fiber + silicon rubber
Dimensions	43.2x27.1x38.0 mm
Waterproof	IP67
Weight	70 g

Part number

XE1HBS200	HBS2
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Pinout



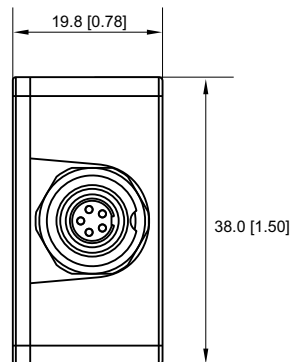
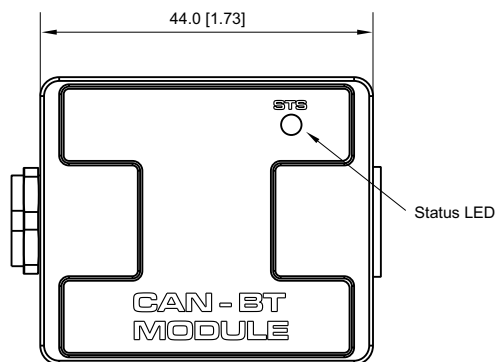
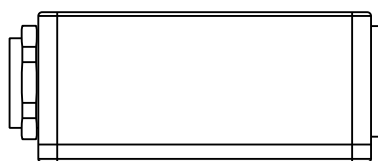
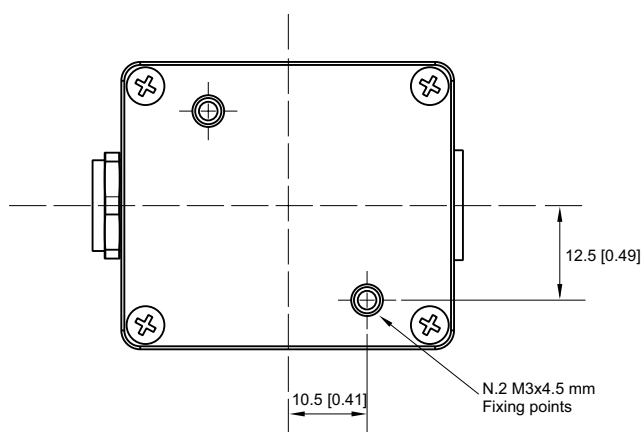


AiM ECU Taipan Y v2 & accessories

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Accessories:

CAN-BT Module



Dimensions in mm [inches]



AiM ECU Taipan Y v2 & accessories

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Accessories:

CAN-BT Module Technical specifications

CAN-BT Module grants instant access to key engine data from your Taipan and Yarara ECU.

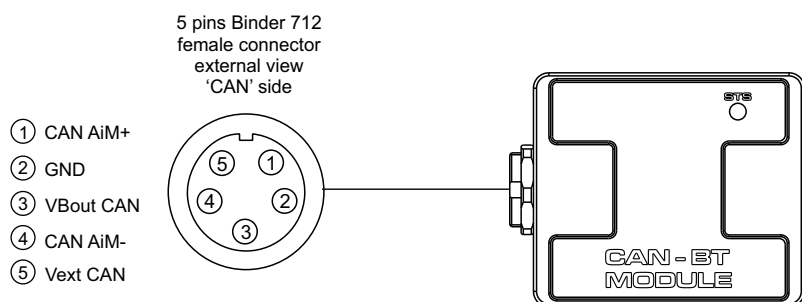
Installing the **SPARK App** (for Apple iOS and Android) on your smartphone provides a streamlined, data-driven interface for real-time monitoring of live engine parameters.

External power	9÷15 V
Connections	CAN, Bluetooth
Connectors	1 Binder 712 female
Material	PA6 30% glass
Dimensions	44.0 x 38.0 x 19.8 mm
Weight	50 g
Waterproof	IP65

Part number

X08CANBTM00	CAN-BT Module + ECU AiM Harness 40 cm
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Pinout





AiM ECU Taipan Y v2 & accessories

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Accessories:

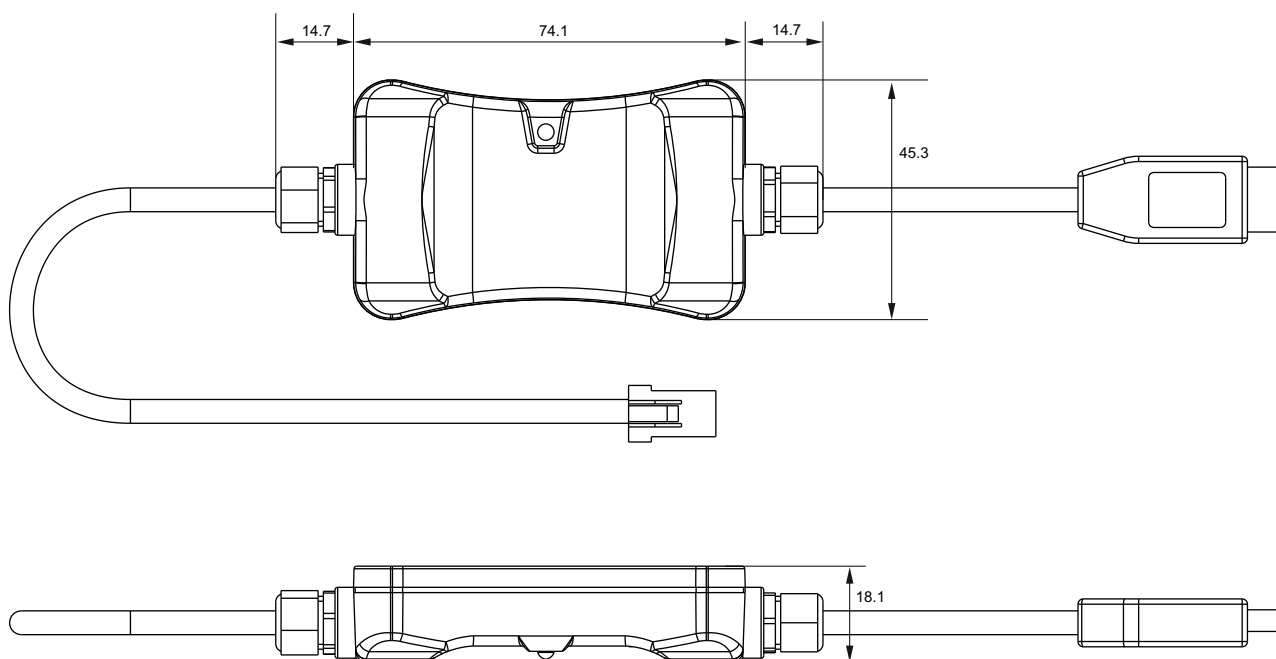
UC Bridge



User license



Tuner license





AiM ECU Taipan Y v2 & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

Accessories:

UC Bridge technical specifications

Connections	n.1 USB connection for PC
	n.1 JST 04R-JWPF-VSLE-S waterproof Connector for CAN Bus communication
Body	PA6 + 30% glass fiber
Dimensions	103.5x45.3x18.1 mm
Waterproof	IP65
Weight	80 g

Part numbers

XE1UCB000	UC Bridge
XE1UCBT00	UC Bridge Tuner

Pinout

