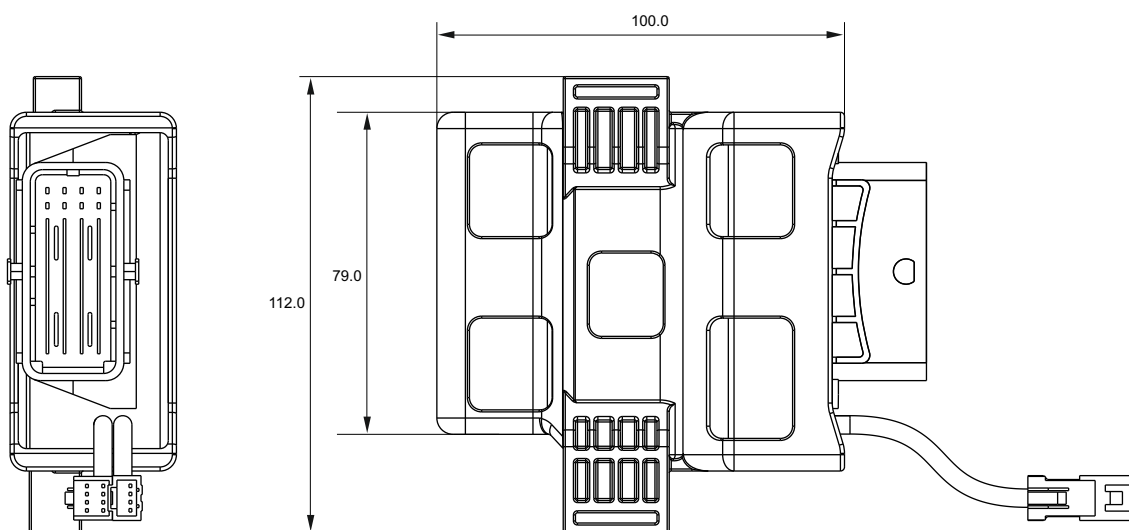
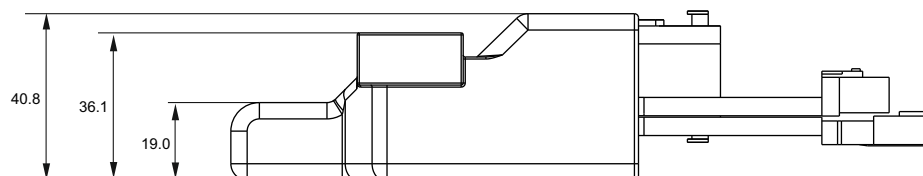
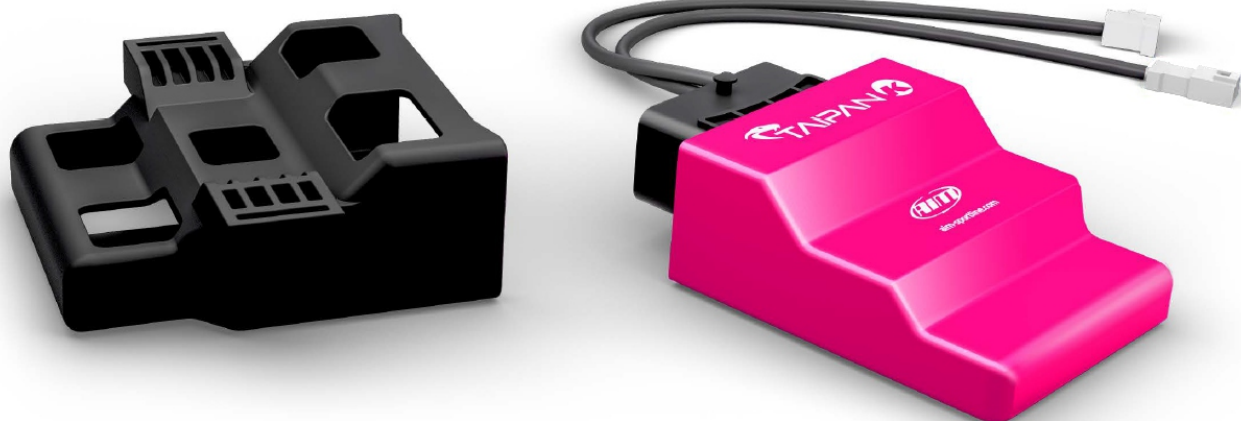




AiM ECU Taipan K & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS





AiM ECU Taipan K & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

Technical specifications

Plug 'n play ECU for :

AiM ECU Taipan K Compatible models	Bike models			
	Brand	Type	Race	Year
	KTM	SX 250	Cross	2024
	HUSQVARNA	TC 250	Cross	2024
	GASGAS	MC 250	Cross	2024

Additional characteristics to the stock ECU:

- Two 0-5V analog inputs sampled @ 1,000 Hz each, could be alternatively used as switch to ground
- One low side driver (1A)
- 1 CAN bus for calibration purposes
- IMU
- Pitch/Roll
- Power consumption 150 mA
- Connectors: n.1 JST 04T-JWPF-VSLE-S connector
n.1 JST 08R-JWPF-VSLE-D connector
n.1 64 pins male connector
- Body: PA6 + 30% glass fiber + EPDM cover
- Dimensions: 112x100x40.8 mm
- Weight: 390 g approx
- Waterproof: IP67



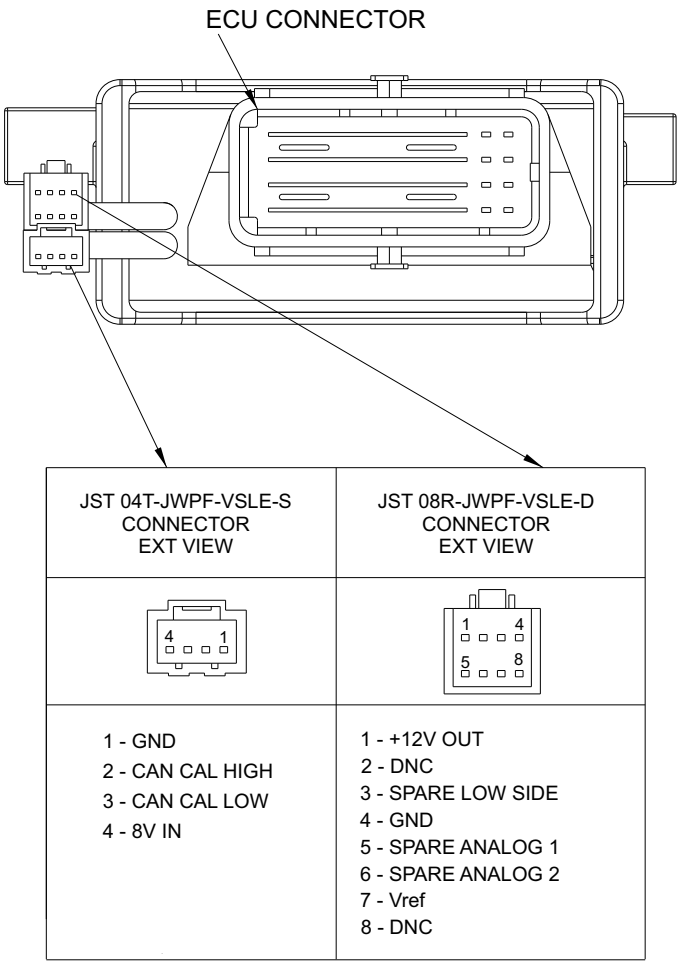
AiM ECU Taipan K & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

Part numbers (ECU Taipan K & accessories)

XE1ECUTK0	ECU Taipan K
XE1HBS200	HBS2 (cable V2596160 is necessary)
V02596160	CAN + EXT Power Taipan K cable
X08CANBTM00	CAN-BT Module + ECU AiM Harness 40 cm
XE1UCB000	UC Bridge
XE1UCBT00	UC Bridge Tuner

Pinout

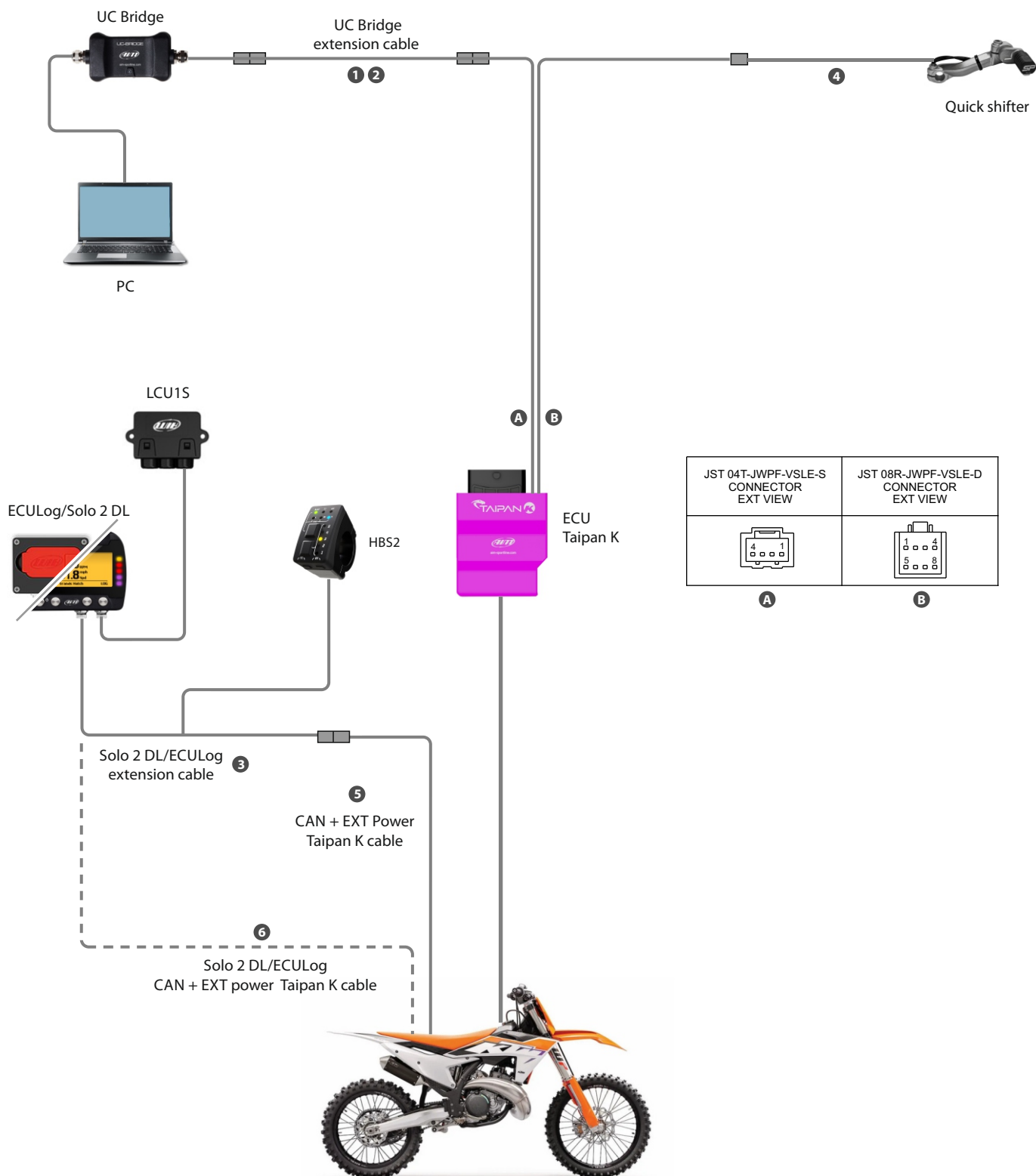




AiM ECU Taipan K & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

Functional diagram





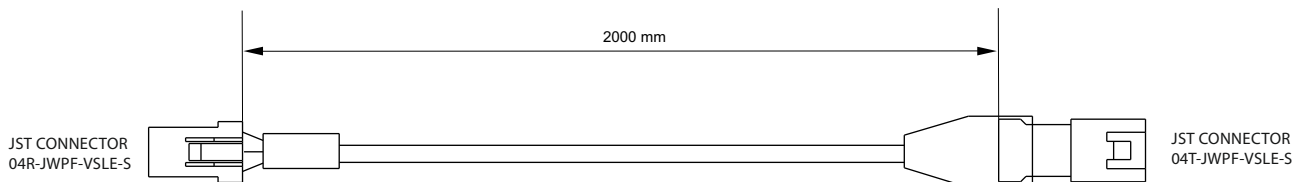
AiM ECU Taipan K & accessories

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Optional cables

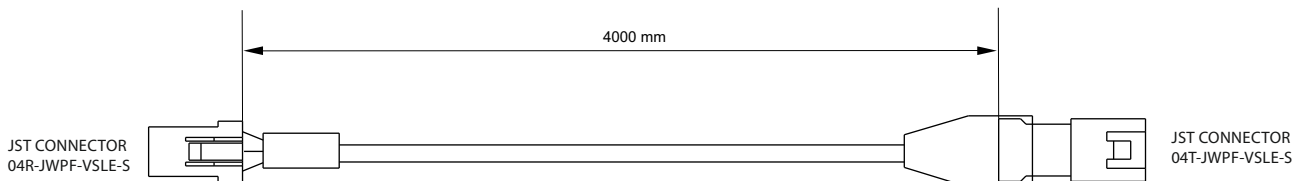
1 UC Bridge extension cable 2 m

Part number V02596020



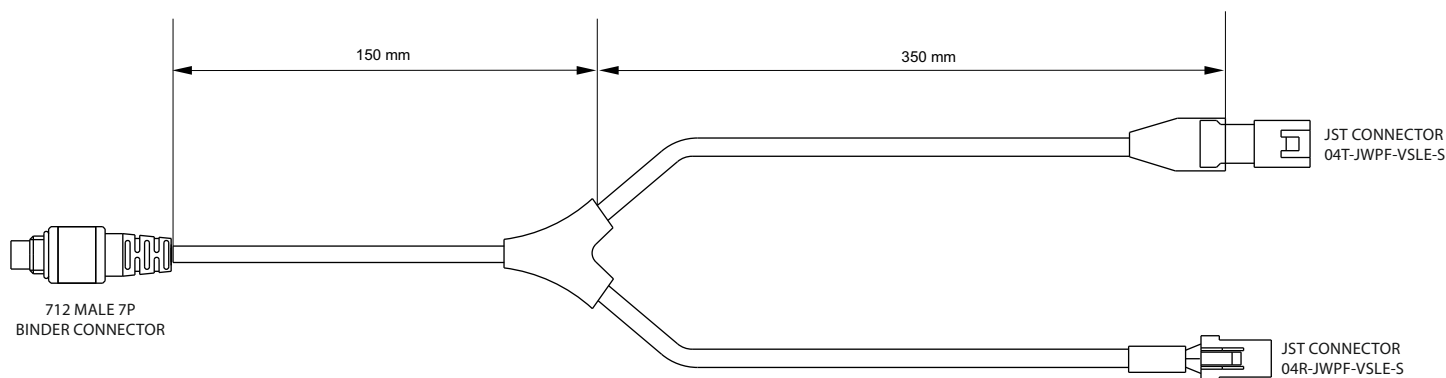
2 UC Bridge extension cable 4 m

Part number V02596030



3 Solo 2 DL/ECUlog extension cable 50 cm

Part number V02589120





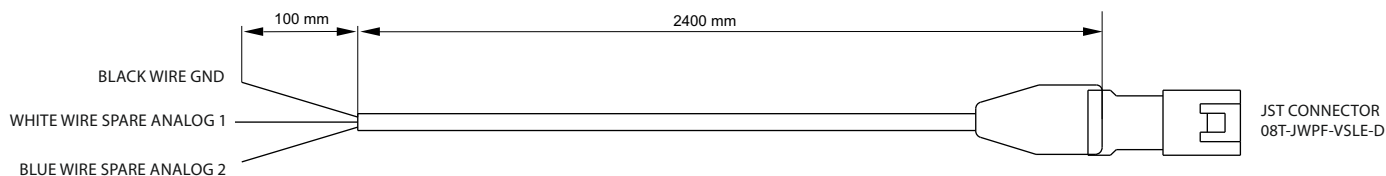
AiM ECU Taipan K & accessories

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Optional cables

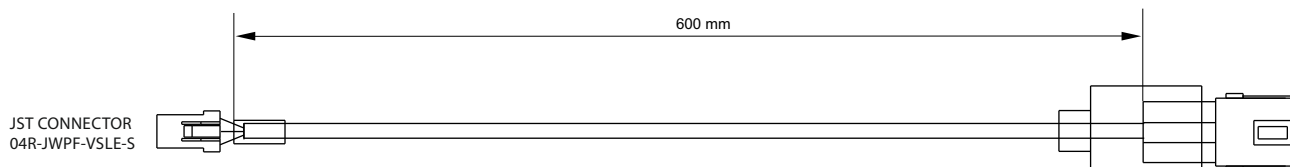
4 Analog channels harness

Part number V02596070



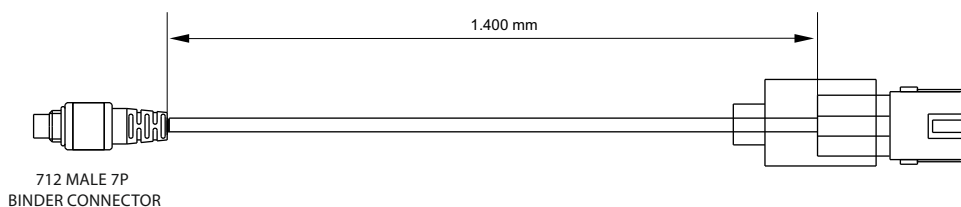
5 CAN + EXT Power Taipan K cable

Part number V02596160



6 Solo 2 DL/ECULog CAN + EXT power Taipan K cable

Part number V02589180



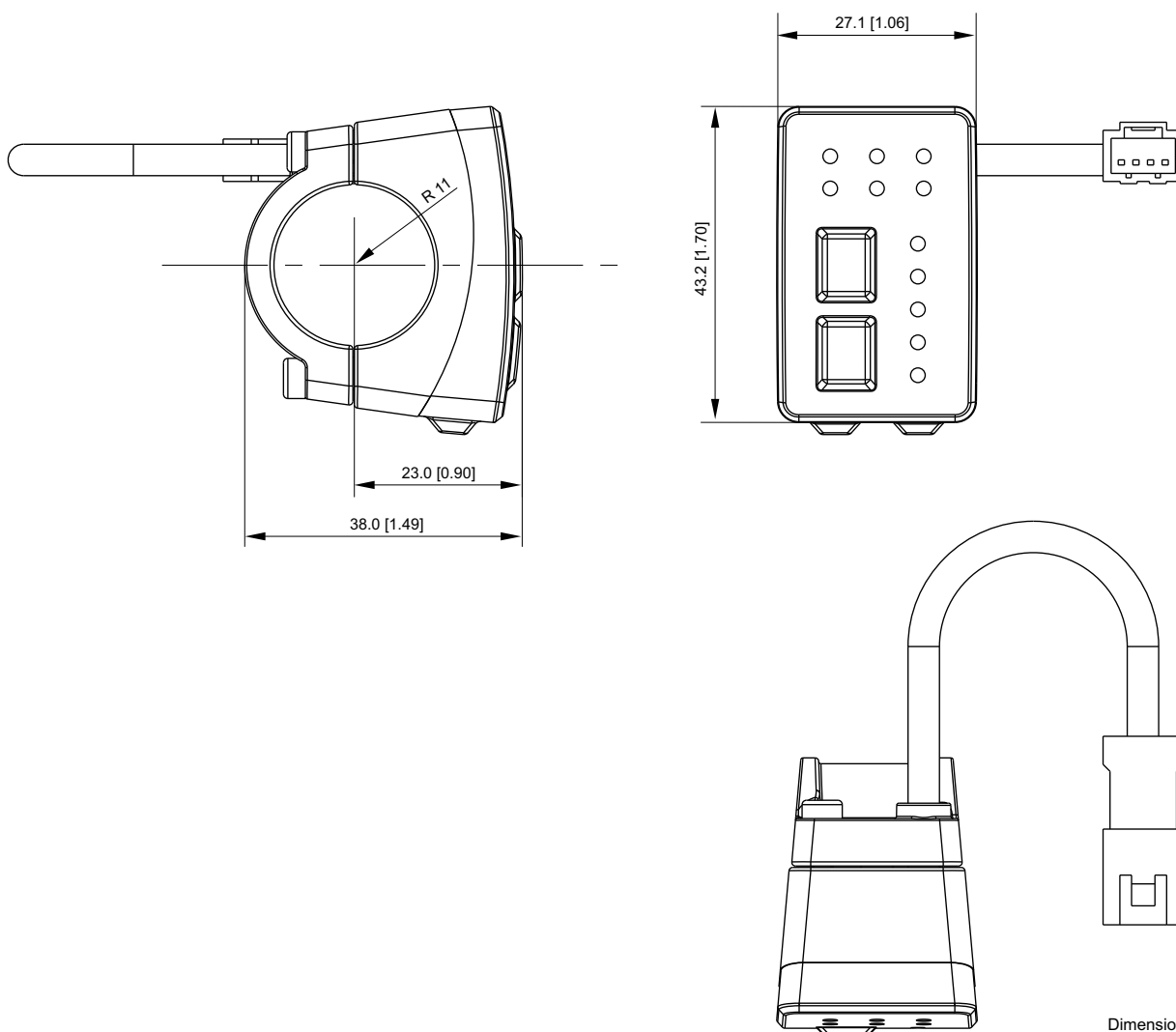


AiM ECU Taipan K & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

Accessories:

HBS2 (Handle Bar Switch 2)



Dimensions in mm [inches]



AiM ECU Taipan K & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

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

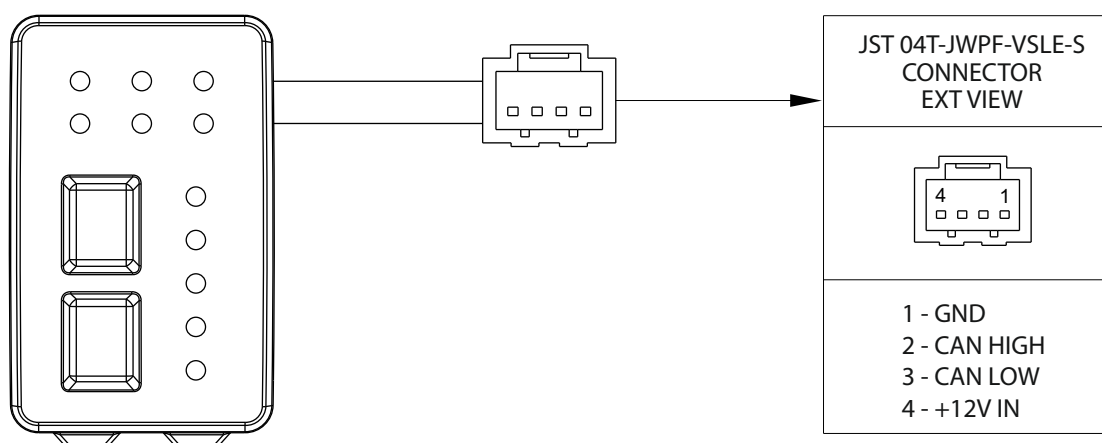
Technical specifications

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



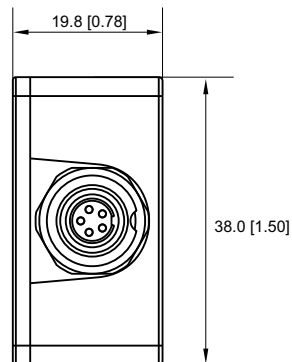
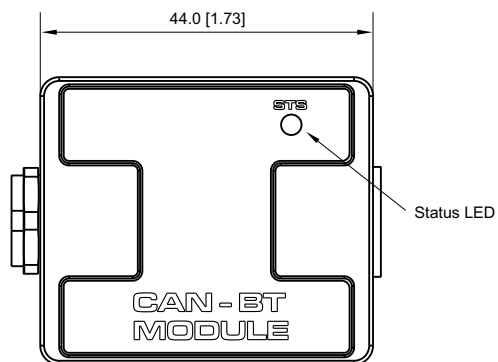
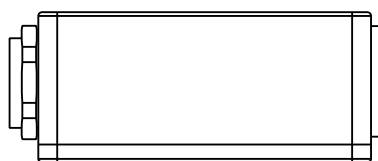
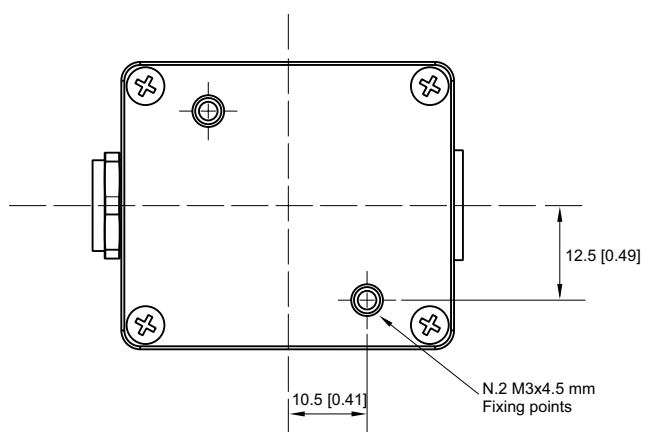


AiM ECU Taipan K & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

Accessories:

CAN-BT Module



Dimensions in mm [inches]



AiM ECU Taipan K & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

Accessories:

CAN-BT Module Technical specifications

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

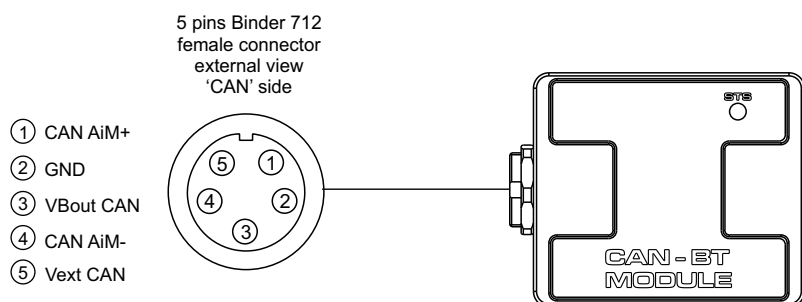
Installing the **SPARK App** (for Apple iOS and Android) on your smartphone provides a streamlined, data-driven interface for real-time monitoring of live engine parameters.

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 K & accessories

PLUG 'N PLAY ECU FOR MOTOCROSS

Accessories:

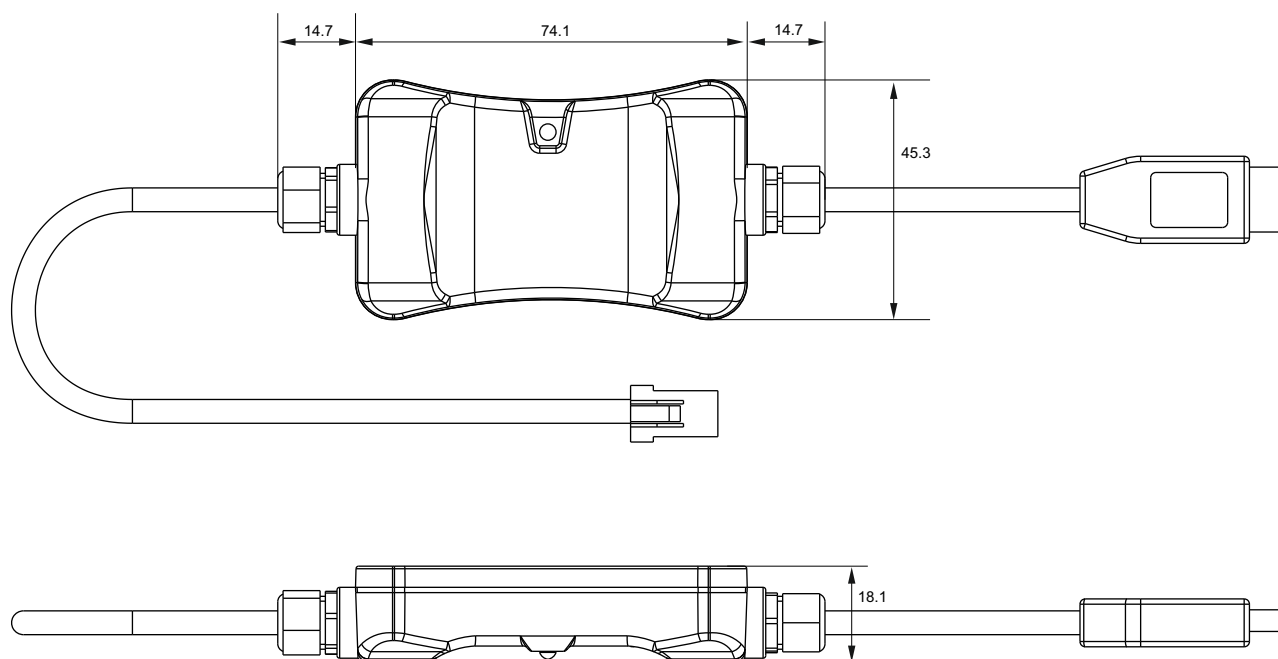
UC Bridge



User license



Tuner license





AiM ECU Taipan K & 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

