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BIKE COMPUTER BROCHURE 2023

Bike Computer Supplier



HUIYE is a supplier of bike computers and IoT solutions integrating R&D, manufacture, and sales. We meet the needs of every customer around the world with professional service capabilities and provide customers with safe, reliable, and high-quality Bike Computers, GPS trackers, IoT products, and solutions. Today, they have been widely used in the IoT industries such as E-Bike, E-Scooter, E-Motorcycle, Vehicle transportation, Fleet management, Asset tracking, Safety management, and Sharing economy.



HUIYE Bike Computer APP



HUIYE Bike Computers, which can be used in E-Bike, E-Scooter and E-Motorcycle, provide riders with cycling data, cycling speed, ebike management, ebike status monitoring, bluetooth unlock, projected navigation, call reminder and other functions. HUIYE bike computer is available in a choice of languages and themes, or you can customize it. At the same time, HUIYE bike computer can connect to mobile APP, check cycling data and manage ebike, making every ride better and smarter.

Display Items

Current Speed

Max Speed

Average Speed

Single Mileage

Total Mileage

Remaining Mileage

Error Code

Battery Capacity

Power-aided Shoving

Parameters Setup

Backlight Brightness

Unit Switch

Speed Limit

Wheel Diameter

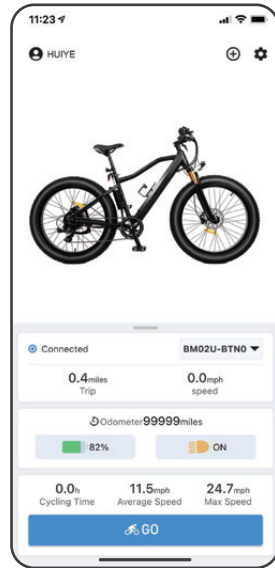
Battery Voltage Switch

Sleep Mode Timing

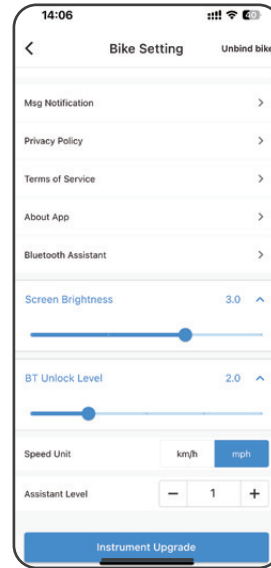
Data Reset

Password Setting

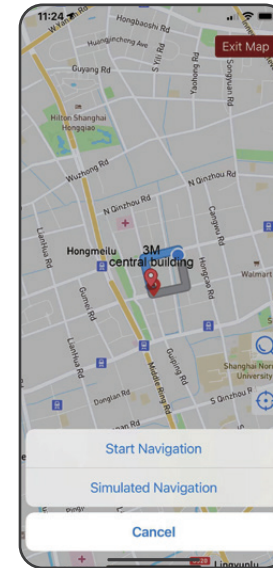
English, German, French, Spanish, etc (Customization)



Cycling Date

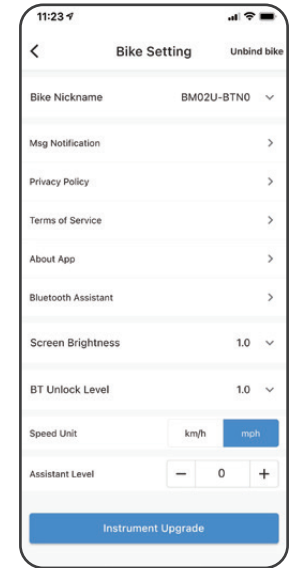


E-Bike Management



Navigation Settings

(Notes: Mapbox pay for use)



Bluetooth Upgrade

HUIYE Bike Computers List

Product		B06	B02	B02N	B03N	B04N	BM02
Picture							
Communication Protocol		UART			√		
		CAN			√		
Screen	Size		2.4" QVGA	2.4" QVGA	2.8" QVGA	3.5" HVGA	3.5" HVGA
	Type	LED	IPS				
	Image Resolution		320*240PX	320*240PX	240*320PX	320*480PX	480*320PX
	Luminance		>600 cd/m2				
Operating Voltage		12V/24V/36V/48V/60V					
Holder Diameter(mm)		22.2	22.2/25.4	22.2/25.4	22.2/25.4/31.8	22.2/25.4/31.8	22.2/25.4/31.8
Separate Remote Control					√	√	√
Light	Soft-Switching	√	√		√	√	√
	Independent Control			√			
	Voltage			6V 3W		6V 3W	
Type-C Interface				√*	Optional	√	√
Ingress Protection Rating		IP67					
Bluetooth		5.2+BLE(Optional)	4.0+ BLE				
Light Sensor						Optional	Optional
Language		English, German, French, Spanish, Portuguese, Russian, Japanese, etc (Customization)					



LED
Screen



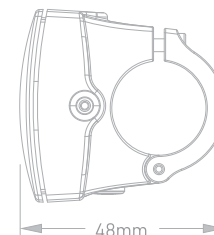
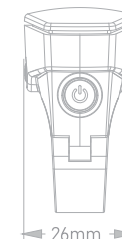
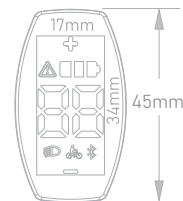
Bluetooth
Unlock



Language
Customizable



Bike Computer
APP



B06 | UART/CAN

Dimension	Length*Width*Height	26*45*48 (mm)
	Holder Diameter	22.2 (mm)
Screen	Size	17*34 (mm)
	Type	LED
Connector	Type	M5 Waterproof Connector
	Length	20 cm
Other Feature	Bluetooth	5.2 + BLE (Optional)

General Feature	Operating Voltage	12V/24V/36V/48V/60V
	Operating Temperature	-20 °C --+70 °C
	Ingress Protection Rating	IP67
	Weight	TBD
Certification	Communication Protocol	UART/CAN
		RoHS CE FC Support Customization



Cycling
Data



E-Bike
Management



Call
Reminder



Projected
Navigation



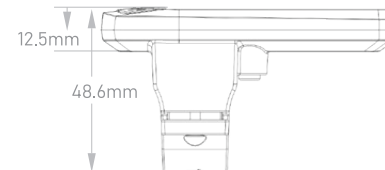
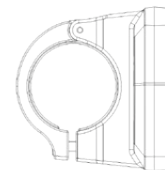
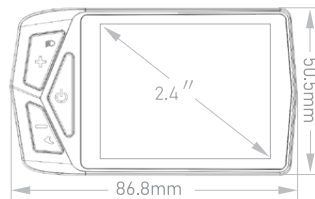
Bluetooth
Unlock



Language
Customizable




Bike Computer
APP



B02 | UART/CAN

Dimension	Length*Width*Height	86.8*50.5*12.5 (mm)
	Holder Diameter	22.2/25.4 (mm)
Screen	Size	2.4"
	Type	IPS
	Color	RGB
	Image Resolution	320*240PX
Connector	Type	M5 Waterproof Connector
	Length	20 cm

General Feature	Operating Voltage	12V/24V/36V/48V/60V
	Operating Temperature	-20 °C ~+70 °C
	Ingress Protection Rating	IP67
	Weight	67g
	Communication Protocol	UART/CAN
Other Feature	Bluetooth	4.0 + BLE
Certification	RoHS  FC	Support Customization



Cycling
Data



E-Bike
Management



Call
Reminder



Projected
Navigation



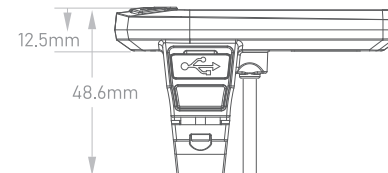
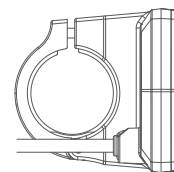
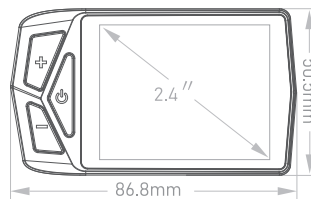
Bluetooth
Unlock



Language
Customizable



Bike Computer
APP



B02N | UART/CAN

Dimension	Length*Width*Height	86.8*50.5*12.5 (mm)
	Holder Diameter	22.2/25.4 (mm)
Screen	Size	2.4"
	Type	IPS
	Color	RGB
	Image Resolution	320*240PX
Connector	Type	M5 Waterproof Connector
	Length	20 cm

General Feature	Operating Voltage	12V/24V/36V/48V/60V
	Operating Temperature	-20 °C ~+70 °C
	Ingress Protection Rating	IP67
	Weight	67g
Other Feature	Communication Protocol	UART/CAN
	Bluetooth	4.0 + BLE
Certification	Type-C Interface	Support*
	RoHS CE FC ISO 13849	Support Customization

*: Choose between lights and reverse charging;



Cycling
Data



E-Bike
Management



Call
Reminder



Projected
Navigation



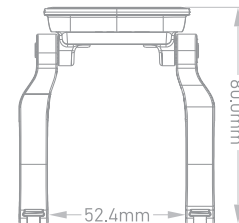
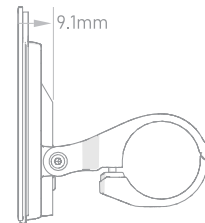
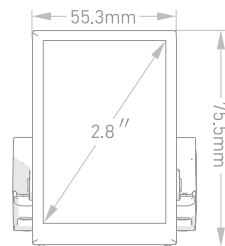
Bluetooth
Unlock



Language
Customizable



Bike Computer
APP



B03N | UART/CAN

Dimension	Length*Width*Height	75.5*55.3*9.1 (mm)
	Holder Diameter	22.2/25.4/31.8 (mm)
Screen	Size	2.8"
	Type	IPS
	Color	RGB
	Image Resolution	240*320PX
Connector	Type	M5 Waterproof Connector
	Length	20 cm

General Feature	Operating Voltage	12V/24V/36V/48V/60V
	Operating Temperature	-20 °C ~+70 °C
	Ingress Protection Rating	IP67
	Weight	80g
Other Feature	Communication Protocol	UART/CAN
	Bluetooth	4.0 + BLE
	Type-C Interface	Optional
Certification	RoHS CE FC	Support Customization



Cycling Data



E-Bike Management



Call Reminder



Projected Navigation



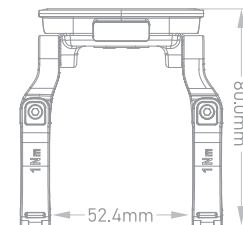
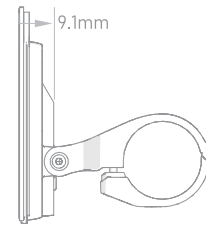
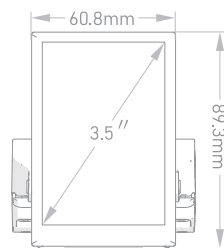
Bluetooth Unlock



Language Customizable



Bike Computer APP



B04N | UART/CAN

Dimension	Length*Width*Height	89.3*60.8*9.1 (mm)
	Holder Diameter	22.2/25.4/31.8 (mm)
Screen	Size	3.5"
	Type	IPS
	Color	RGB
	Image Resolution	320*480PX
Connector	Type	M5 Waterproof Connector
	Length	20 cm

General Feature	Operating Voltage	12V/24V/36V/48V/60V
	Operating Temperature	-20 °C -+70 °C
	Ingress Protection Rating	IP67
	Weight	92g
Other Feature	Communication Protocol	UART/CAN
	Bluetooth	4.0 + BLE
	Light Sensor	Optional
Certification	Type-C Interface	Support
		RoHS CE FC



Cycling
Data



E-Bike
Management



Call
Reminder



Projected
Navigation



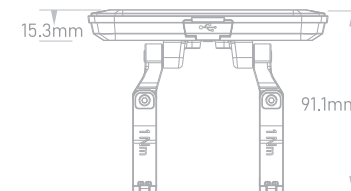
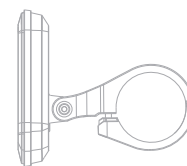
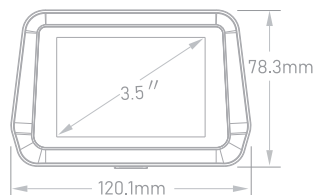
Bluetooth
Unlock



Language
Customizable



Bike Computer
APP

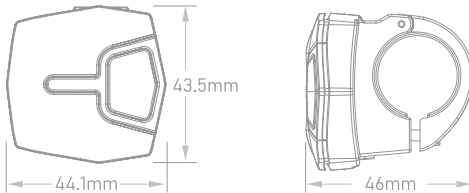


BM02 | UART/CAN

Dimension	Length*Width*Height	120.1*78.3*15.3 (mm)
	Holder Diameter	22.2/25.4/31.8 (mm)
Screen	Size	3.5"
	Type	IPS
	Color	RGB
	Image Resolution	480*320PX
Connector	Type	M5 Waterproof Connector
	Length	20 cm

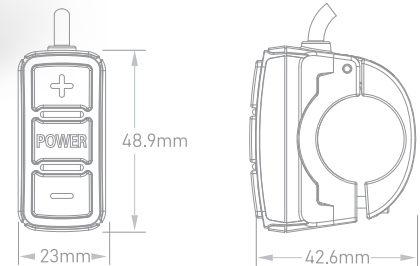
General Feature	Operating Voltage	12V/24V/36V/48V/60V
	Operating Temperature	-20 °C ~ +70 °C
	Ingress Protection Rating	IP67
	Weight	136g
Other Feature	Communication Protocol	UART/CAN
	Bluetooth	4.0 + BLE
	Light Sensor	Optional
Certification	Type-C Interface	Support
		RoHS CE FC

HUIYE Remote Control



K31

Length*Width*Height	44.1*43.5*46 (mm)
Holder Diameter	22.2 (mm)
Connector	M5 Waterproof Connector
Ingress Protection Rating	IP67



K33

Length*Width*Height	23*48.9*42.6 (mm)
Holder Diameter	22.2 (mm)
Connector	M5 Waterproof Connector
Ingress Protection Rating	IP67



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Huiye IoT Technology Co., Ltd.

Web: www.huiye.com

Email: marketing@huiye.com

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