HUIYE
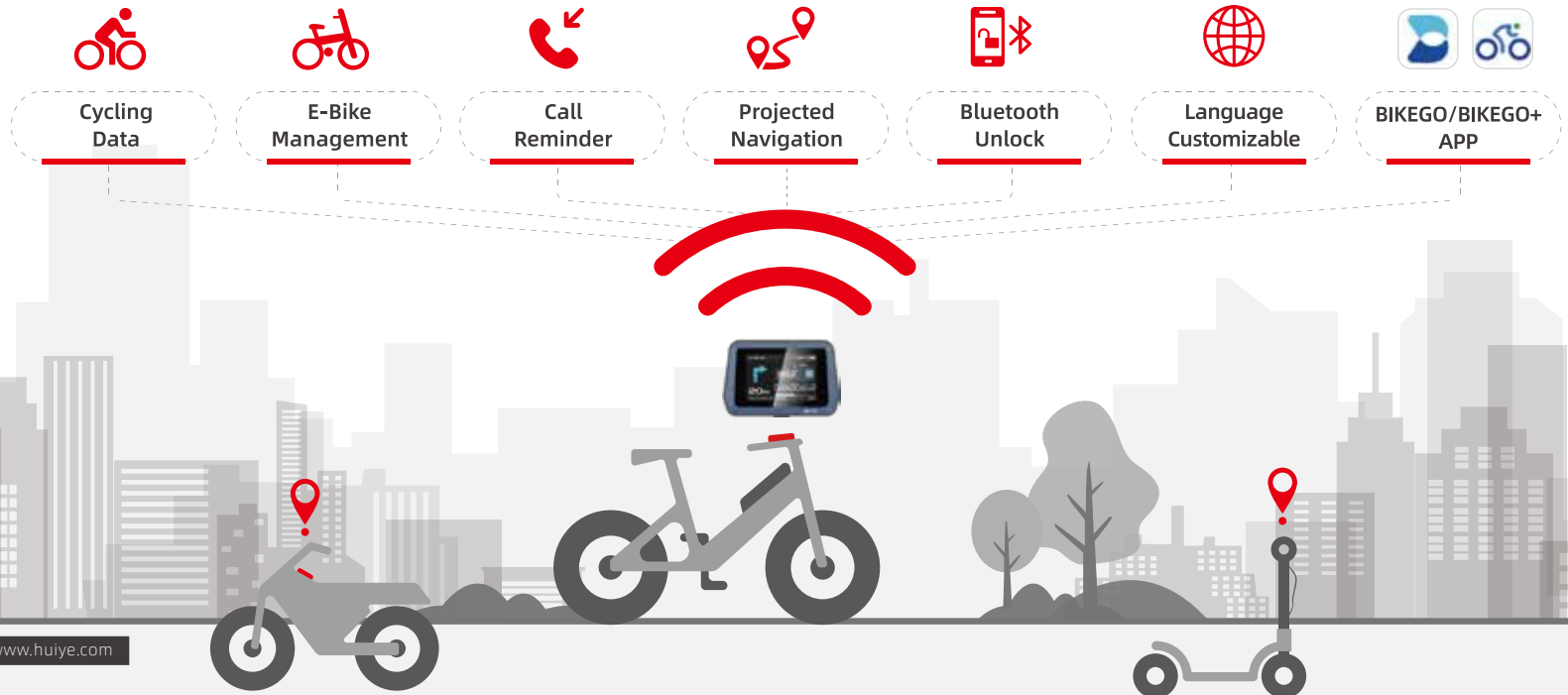
BIKE COMPUTER BROCHURE
2023

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.

| Cycling Data | E-Bike Management | Call Reminder | Projected Navigation | Bluetooth Unlock | Language Customizable | BIKEGO/BIKEGO+ APP |

HUIYE BIKE COMPUTER APP-BIKEGO

HUIYE Bike Computers, which can be used in E-Bike, E-Scooter and E-Motorcycle, provide riders with cycling data, cycling speed, ebike managemant, 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.
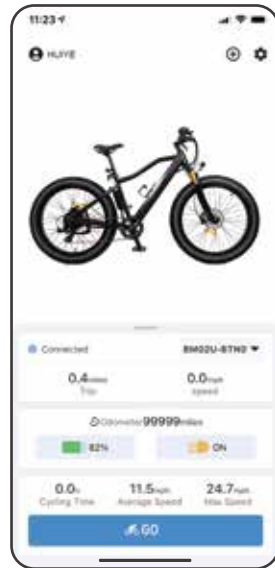
Display Items
Current Speed
Max Speed
Average Speed
Single Mileage
Total Mileage
Remaining Mileage
Error Code
Battery Capacity
Power-aided Shoving

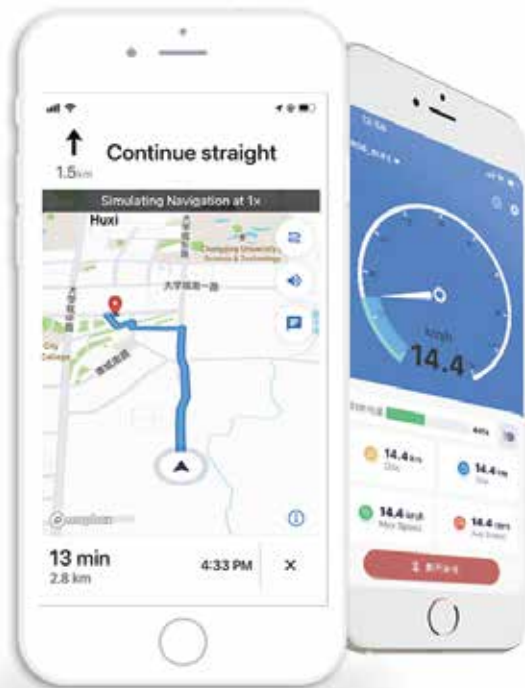| Parameters Setup |
|---|
| Backlight Brightness |
| Unit Switch |
| Speed Limit |
| Wheel Diameter |
| Battery Voltage Switch |
| Sleep Mode Timing |
| Data Reset |
| Password Setting |
| English, German, French, Spanish, etc (Customization) |

Cycling Date
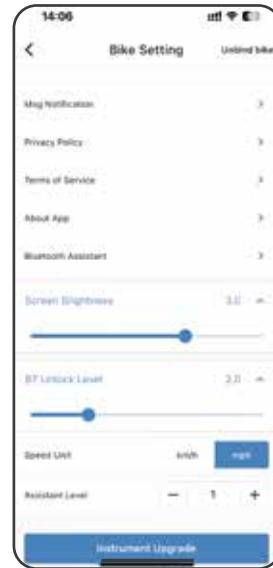
E-Bike Management

Navigation Settings
(Notes：Mapbox pay for use)

Bluetooth Upgrade

HUIYE Bike Computer APP

BIKEGO
Used in B02N, B03N, B04N, BM02, T01;

Android
Google Play

ISO

BIKEGO+
Used in B06, S402;

Android
Google Play

ISO

Product		B06	S402	B02N	B03N	B04N	BM02	T01
Picture								
Communication	Network LTE Cat.1							√
	Protocol UART				√			
	Protocol CAN				√			
	SIF		√		√	√	√	√
Screen	Size		4″	2.4″	2.8″	3.5″	3.5″	4″
	Type	LED	LCD	IPS				
	Image Resolution			320*240PX	240*320PX	320*480PX	480*320PX	800*480PX
	Luminance		> 600 cd/m2					
Operating Voltage		12V/24V/36V/48V/60V						
Holder Diameter(mm)		22.2	22.2/25.4/31.8	22.2/25.4	22.2/25.4/31.8	22.2/25.4/31.8	22.2/25.4/31.8	22.2/25.4
Separate Remote Control			√		√	√	√	√
Light	Soft-Switching	√					√	
	Independent Control		√	√	√	√		√
	Voltage		6V 3W	6V 3W	6V 3W	6V 3W		6V 3W
Type-C Interface			√*	√*	√*	√*	√	√*
Ingress Protection Rating		IP67						IP65
Bluetooth		5.2+BLE(Optional)	5.2+BLE(Optional)	4.0+ BLE				5.2+BLE(Optional)
GPS								√
Light Sensor			Optional			Optional	Optional	Optional
Language		English, German, French, Spanish, Portuguese, Russian, Japanese, etc (Customization)						
APP		BIKEGO+		BIKEGO				

*: Choose between light and reverse charging；   Don't plug and unplug with electricity, otherwise may damage the electronic control accessories.

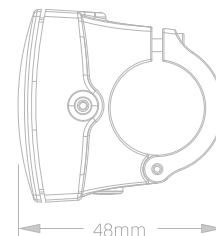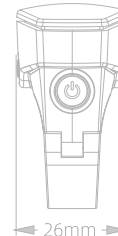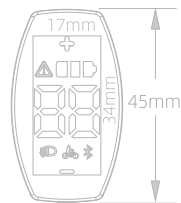|		
LED Screen	Cycling Data	E-Bike Management

Bluetooth Unlock	BIKEGO+ APP

17mm

34mm

45mm

26mm

48mm

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 ℃ -+70 ℃
	Ingress Protection Rating	IP67
	Weight	28g
	Communication Protocol	UART/CAN
Certification	RoHS CE FC	Support Customization

LCD Screen

Cycling Data

E-Bike Management

Bluetooth Unlock

BIKEGO+ APP

104.3mm

8mm

13.95mm

62.5mm
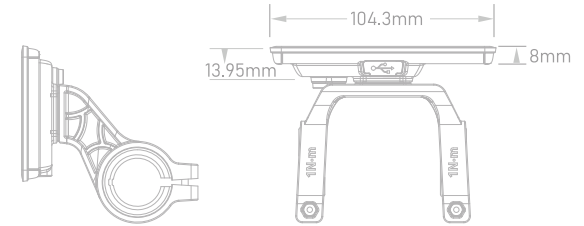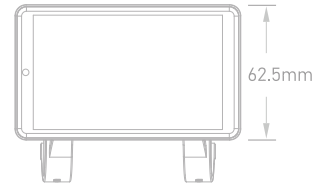
B402 | UART/CAN/SIF

Dimension	Length*Width*Height	104.3*62.5*13.95 (mm)
	Holder Diameter	22.2/25.4/31.8 (mm)
Screen	Size	4"
	Type	LCD
	Color	Red/Yellow/Blue/Green/White
Connector	Type	M5 Waterproof Connector
	Length	22 cm

General Feature	Operating Voltage	12V/24V/36V/48V/60V
	Operating Temperature	-20 ℃ -+70 ℃
	Ingress Protection Rating	IP67
	Weight	TBD
	Communication Protocol	UART/CAN/SIF
Other Feature	Bluetooth	5.2 + BLE (Optional)
	Type-C Interface	Support*
Certification	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
	BIKEGO APP	

2.4″

50.5mm

86.8mm

12.5mm

48.6mm
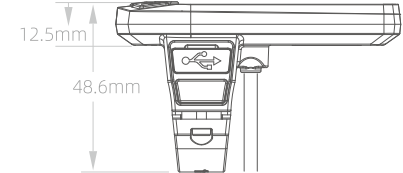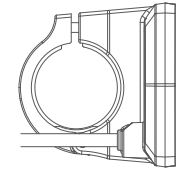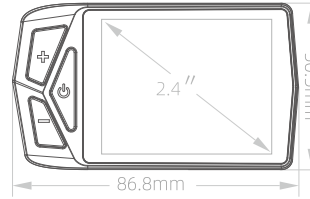
B02N | UART/CAN

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 ℃ ~+70 ℃
	Ingress Protection Rating	IP67
	Weight	67g
	Communication Protocol	UART/CAN
Other Feature	Bluetooth	4.0 + BLE
	Type-C Interface	Support*
Certification	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

BIKEGO APP

55.3mm

9.1mm

2.8″

75.5mm

80.0mm

52.4mm

B03N | UART/CAN/SIF

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 ℃ -+70 ℃
	Ingress Protection Rating	IP67
	Weight	80g
	Communication Protocol	UART/CAN/SIF
Other Feature	Bluetooth	4.0 + BLE
	Type-C Interface	Support*
Certification	RoHS CE FC	Support Customization

*: Choose between lights and reverse charging；

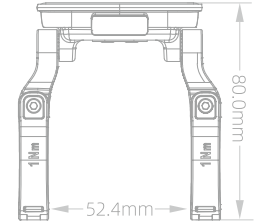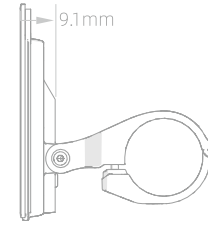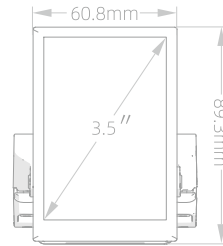| Cycling Data | E-Bike Management | Call Reminder | Projected Navigation | Bluetooth Unlock | Language Customizable | BIKEGO APP |

60.8mm | 9.1mm | 80.0mm
3.5" | 89.3mm | 52.4mm

B04N | UART/CAN/SIF

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 ℃ -+70 ℃
	Ingress Protection Rating	IP67
	Weight	92g
	Communication Protocol	UART/CAN/SIF
Other Feature	Bluetooth	4.0 + BLE
	Light Sensor	Optional
	Type-C Interface	Support*
Certification	RoHS CE FC ISO 13849	Support Customization

*: Choose between lights and reverse charging；

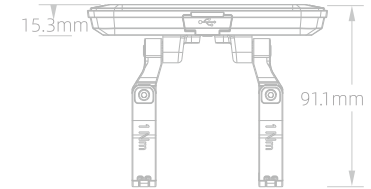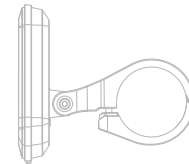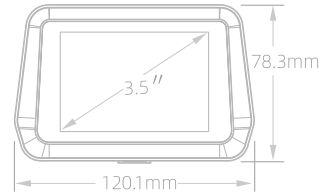Cycling Data | E-Bike Management | Call Reminder | Projected Navigation | Bluetooth Unlock | Language Customizable | BIKEGO APP

3.5″

78.3mm

120.1mm

15.3mm

91.1mm

BM02 | UART/CAN/SIF

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 ℃ ~+70 ℃
	Ingress Protection Rating	IP67
	Weight	136g
	Communication Protocol	UART/CAN/SIF
Other Feature	Bluetooth	4.0 + BLE
	Light Sensor	Optional
	Type-C Interface	Support
Certification	RoHS CE FC	Support Customization

IoT

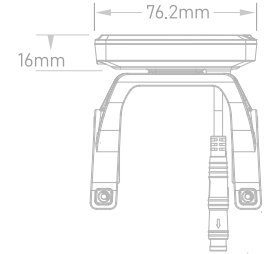|						
LTE Cat.1 Network	Cycling Data	E-Bike Management	Call Reminder	GPS Navigation	Bluetooth Unlock	Language Customizable	BIKEGO APP

4″   122mm   76.2mm   16mm
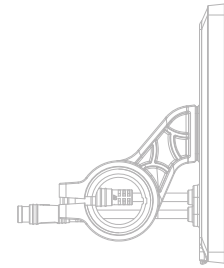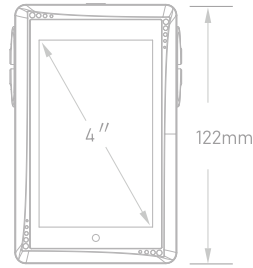
T01 | LTE Cat.1/GPS/UART/CAN/SIF

Dimension	Length*Width*Height	122*76.2*16 (mm)
	Holder Diameter	22.2/25.4 (mm)
Screen	Size	4"
	Type	IPS
	Color	RGB
	Image Resolution	800*480PX
Connector	Type	M5 Waterproof Connector
	Length	20 cm
Certification	RoHS CE FC	Support Customization

General Feature	Operating Voltage	12V/24V/36V/48V/60V
	Operating Temperature	-20 °C ‑+70 °C
	Ingress Protection Rating	IP65
	Weight	TBD
Communication	Network	LTE Cat.1
	Protocol	UART/CAN/SIF
Other Feature	Bluetooth	5.2 + BLE (Optional)
	GPS	Support
	Light Sensor	Optional
	Type-C Interface	Support*

*: Choose between lights and reverse charging；

HUIYE Remote Control
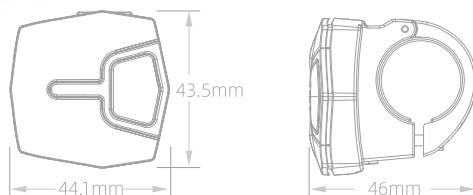
K31

Length*Width*Height	44.1*43.5*46 (mm)
Holder Diameter	22.2 (mm)
Connector	M5 Waterproof Connector
Ingress Protection Rating	IP67
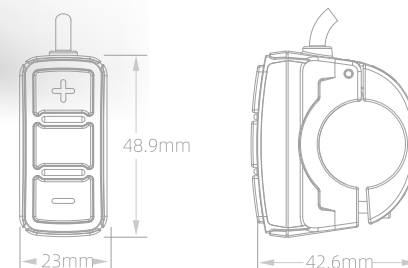
K33

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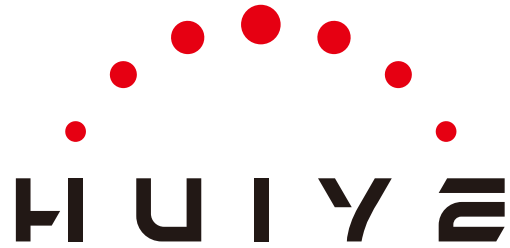
HUIYE

With HUIYE, Connect to a Smarter Future

Scan to learn more
on our website

Scan to follow
our LinkedIn

Huiye IoT Technology Co., Ltd.

Web: www.huiye.com

Email: marketing@huiye.com

Version.2023.10