STAR UNION WUXING

TOPOLOGY

HMI

2026 PRODUCT CATALOGUE



JIANDE WUXING BICYCLE CO., LTD.
ZHEJIANG TOPOLOGY INTELLIGENT TECHNOLOGY CO., LTD.

GLOBAL FOOTPRINT





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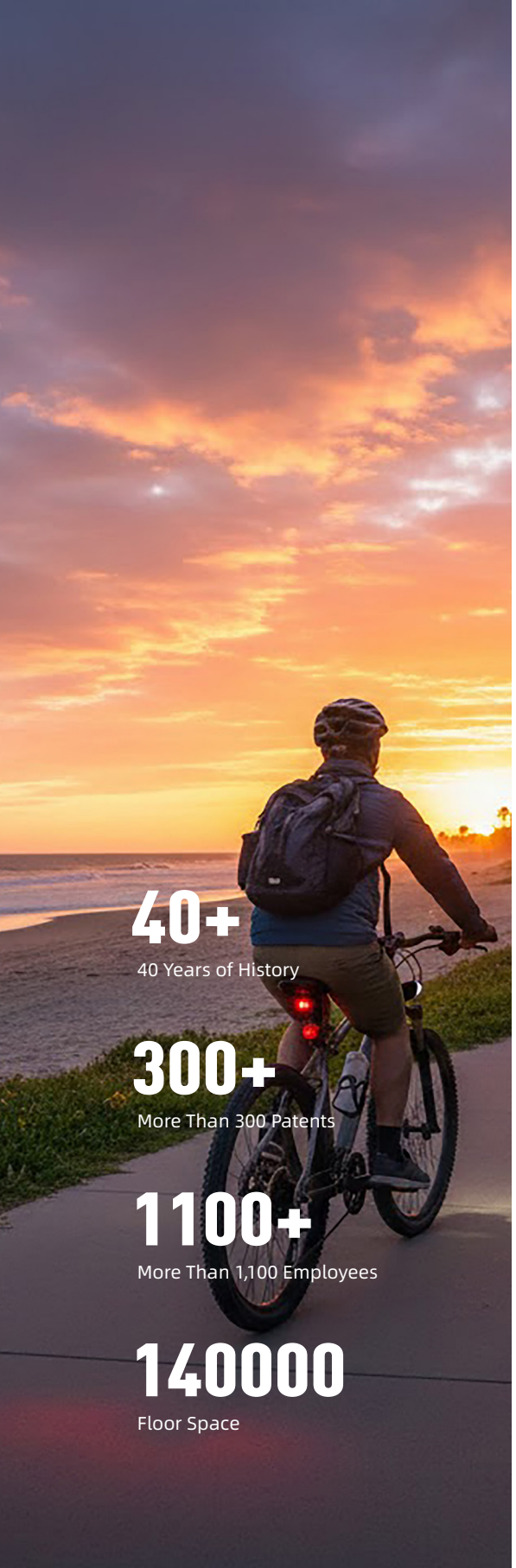
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ABOUT US

Zhejiang Topology Intelligent Technology Co., Ltd. was established in June 2016, fully invested and controlled by Jiande Wuxing Bicycle Co., Ltd., with founding members from Wuxing Bicycle (Hangzhou) R&D Center. We are a technology company specialized in the design and development of electric bicycle meter solutions. The company has departments for design, R&D, marketing, production and manufacturing, and all of our designs, from industrial design to product structure, as well as hardware design to software development, are independently created. Through our design, development, and manufacturing capabilities, we provide customers with the best application experience and differentiated value-added products, continuously leading the market trends and direction.

E.E.E
Ebike E-components Expert

PROFESSIONAL MANUFACTURING

Our factory is certified with ISO9001 and TS16949 management system certification. With a mature ERP system, we coordinate internal processes and factory processes effectively. We have also built a new instrument production workshop, equipped with numerous automatic/semi-automatic production equipment to ensure the consistency of production processes. By consolidating our R&D platform, structure, processes, and manufacturing processes, we aim to achieve a more stable, reliable, and faster production of products in large quantities.











BRAND ADVANTAGES





BRAND ADVANTAGES

Outstanding Development Capabilities

40 years of profound technical expertise combined with a top-tier R&D team composed of numerous PhDs.

Management System

Passed CCC, E-MarK, CE, K-MarK, RoHs, EN15194 and other product certifications and ISO9001-2015 and other management system certifications.

Lean Digital Manufacturing

Implement digital upgrades, promote CNC automated precision manufacturing and intelligent testing equipment, and achieve comprehensive improvement of factory intelligence.

A Strong Engineering Team

A strong team of approximately 140 engineers, covering mechanical engineering, electronic hardware, electronic software, optics, motor design, industrial design, and process engineering.

Manufacturing Capabilities and Scale

Covering aluminum die-casting, plastic and rubber injection molding, automatic polishing, painting, powder coating, mold manufacturing, and automated assembly.Strong in-house manufacturing capabilities and scale.Covering aluminum die-casting, plastic and rubber injection molding, automatic polishing, painting, powder coating, mold manufacturing, and automated assembly.

Global Patents

It has more than 300 patents for inventions, utility models, and appearance. Its product design and quality are far ahead of domestic competitors.

Manufacturing and Quality

The core components of highly integrated automation equipment are all independently processed Full-level inspection and quality control / PLM system tracking.

HMI

Our great variety of displays with LCD, TFT and OLED screens are designed to be modern and intuitive. The separate mounting bracket is a perfect fit for every bike, our displays are IP65 dust and water proof. A reliable companion on all terrains.



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REMOTE FOR HMI:

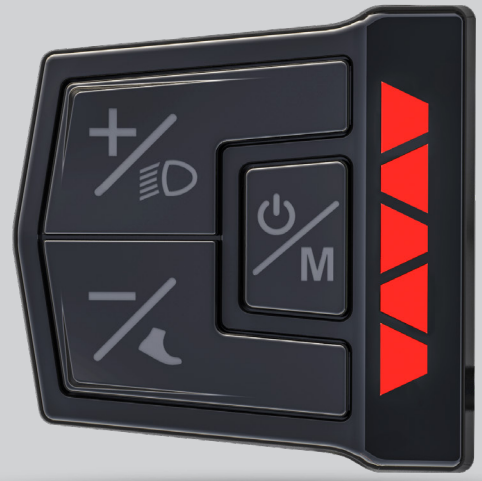
DK156 ---------- 52
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MAIN FEATURES

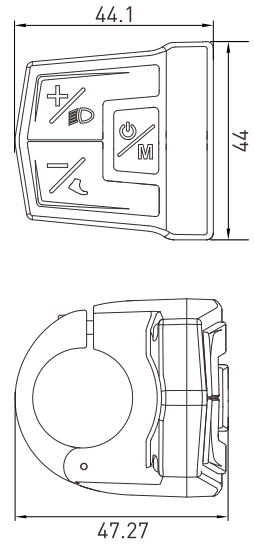
Simplified to the extreme 5-segment multi-color LED display.
It can indicate the power and assist level at the same time.
Can combinate with the center display.
It is applicable to EN 15194-2017.



DZ39

- Color LED display type
- Dark semi transparent PC window material
- 3 Hard plastic buttons
- Can be matched with central display

SPECIFICATIONS	
Dimensions/ Size	L 44mm W 44mm H 47mm
Weight (g)	25g
Material	PC/ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	Color LED
Nominal Voltage	DC 12V~85V
Current	18mA ～ 25mA /36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2
Display Information	PAS level / battery indicator
	error alarm / walk etc.
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE







MAIN FEATURES

Extremely simple surface display design, completely hide the operation button.
It is not only the display screen but also the operation button, which ensures the operation feel and controls the product size to the extreme.
High quality alloy material;
No screw assembly process;
Narrow frame design;
It is applicable to EN 15194-2017.

LEFT FIXED DISPLAY



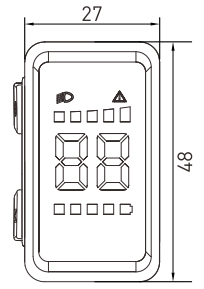
DZ40

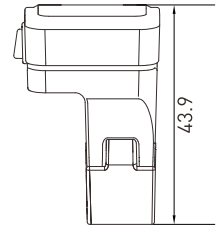
- 1.3"Monochrome LED display type
- 4 Hard buttons

DZ40BT

- Dark semi transparent PC window material
- Arc display interface,hide button

SPECIFICATIONS	
Dimensions/ Size	L 48mm W 27mm H 44mm
Weight (g)	28g
Material	PC/ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	LED
Nominal Voltage	DC 12V~85V
Current	18mA ～ 25mA /36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2
Display Information	PAS level /speed / battery indicator
	light status / error alarm / walk etc.
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE







MAIN FEATURES

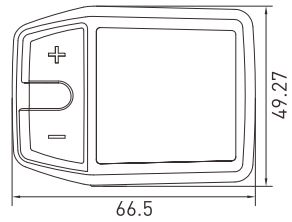
Multi-functinal left side display.
Simple screen state when power off.
Multicolor LED with different functions,
and provide perfect button operate feeling.

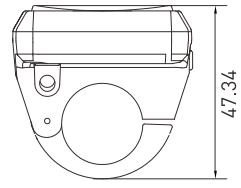


DZ41

- 2" Display screen,LED
- Dark semi transparent PC window material
- 4 Hard plastic buttons
- Functional division of color

SPECIFICATIONS	
Dimensions/ Size	L 67mm W 49mm H 47mm
Weight (g)	56g
Material	PC/ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	LED
Nominal Voltage	DC 12V~85V
Current	18mA ～ 25mA /36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2
Display Information	PAS level / speed / trip /ODO / light status
	battery indicator /error alarm / walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE







SMALL BUT FUNCTIONAL

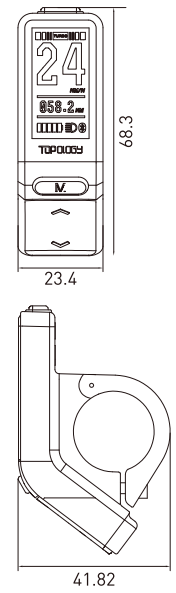
Iteration
Everything is just right , and the brightness improved, better reading in the sun.
Improve the operation feeling of the buttons.
The structural strength has been improved.
It is applicable to EN 15194-2017.



SW102/2

- 1.3"OLED screen(64*128 pixels)
- With 2.5D shape craft
- 4 Hard buttons
- Non-screw assembling craft

SPECIFICATIONS	
Dimensions/ Size	L 68mm W 42mm H 23mm
Weight (g)	31g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	1.3"OLED
Nominal Voltage	DC 12V~85V
Current	12mA/36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2
Display Information	PAS level / speed / trip / ODO / light status battery indicator / error alarm / walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE

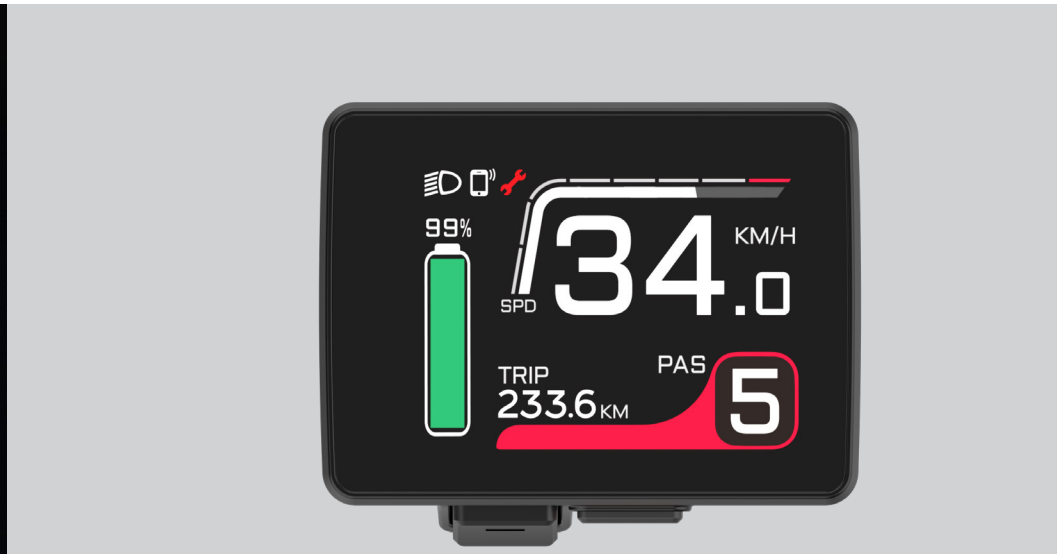




MAIN FEATURES

Our product features a full lamination 2-inch (320*240) true color screen, with a unilaterally changeable direction fixed bracket.

TFT LEFT FIXED DISPLAY



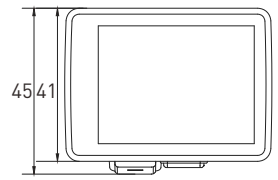
DZ50

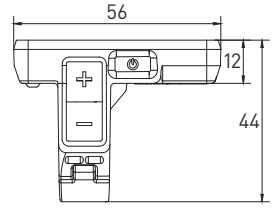
2" Display screen(320*240pixels),TFT

In-Cell Full Lamination Screen Technology

3 Hard plastic buttons

SPECIFICATIONS	
Dimensions/ Size	L 45mm W 56mm H 44mm
Weight (g)	73g
Material	PC/ABS
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	2" TFT
Nominal Voltage	DC 12V~85V
Current	18mA~25mA /36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2
Display Information	PAS Level / Speed / Battery Indicator / Light status / Error Alarm / Walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE







MAIN FEATURES

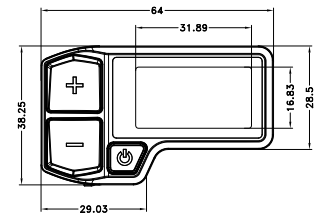
1.4" TFT color screen with rich functions.
It is applicable to EN 15194-2017.

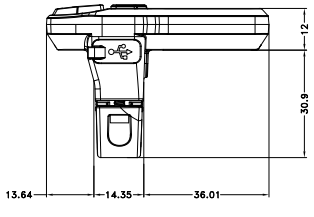


DZ59

- 1.37"TFT screen(161*320 pixels)
- In-Cell Full Lamination Screen Technology
- Simple style,slim design
- USB Type-C charging function

SPECIFICATIONS	
Dimensions/ Size	L 38.3mm W 64mm H 42.9mm
Weight (g)	40g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	1.37"TFT
Nominal Voltage	DC 12V~85V
Current	30mA/36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2
Display Information	PAS level / speed / trip /ODO / USB/light status
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE







SMALL BUT FUNCTIONAL

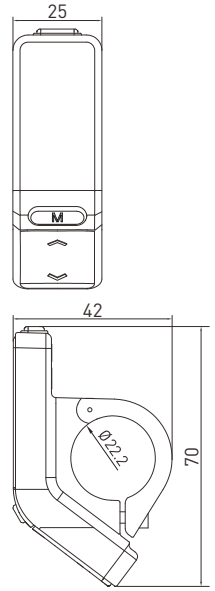
Iteration
Everything is just right , and the brightness improved, better reading in the sun.
Improve the operation feeling of the buttons.
The structural strength has been improved.
It is applicable to EN 15194-2017.



SW102/T

- 1.37"TFT screen (161*320 pixels)
- With 2.5D shape craft
- 4 Hard buttons
- Non-screw assembling craft

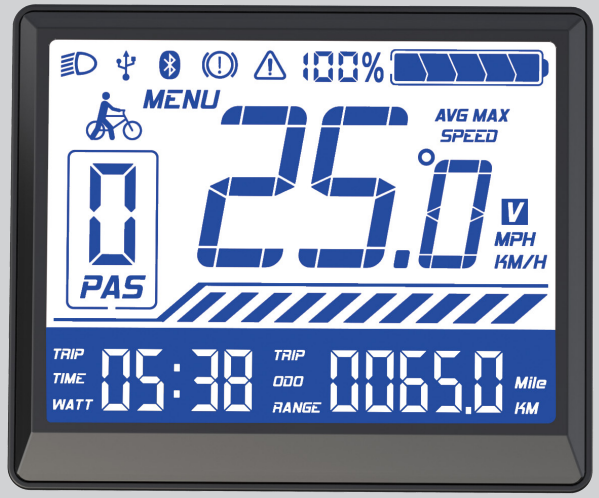
SPECIFICATIONS	
Dimensions/ Size	L 70mm W 25mm H 42mm
Weight (g)	31g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	1.37"TFT
Nominal Voltage	DC 12V~85V
Current	12mA/36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2
Display Information	PAS level / speed / trip / ODO / light status battery indicator / error alarm / walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE





MAIN FEATURES

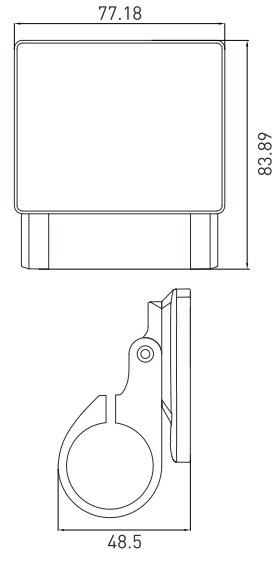
3.5"FSTN segment screen with wide view angle.
It is applicable to EN 15194-2017.



DS102/2

- 3.5"FSTN segment screen with wide view angle
- Multi-angle install design
- Simple style,slim design
- Tempered glass or oblique cut tempered glass
- Non-screw assembling craft
- Full-screen design

SPECIFICATIONS	
Dimensions/ Size	L 77mm W 84mm H 48mm
Weight (g)	100g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	3.5"FSTN
Nominal Voltage	DC 12V~85V
Current	20mA/36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2/25.4/31.8
Display Information	PAS level / speed / trip /ODO / light status battery indicator /error alarm / walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE





MAIN FEATURES

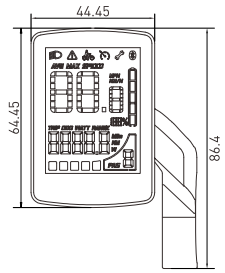
2.2" Display screen,LCD
with a unilaterally changeable direction
fixed bracket.

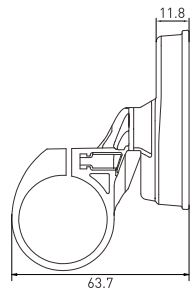


DZ47

- 2.2" Display screen,LCD
- Tempered glass window materail
- With 2.5D shape craft
- Light sensor

SPECIFICATIONS	
Dimensions/ Size	L 86mm W 44mm H 64mm
Weight (g)	80g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	2.2"segment LCD
Nominal Voltage	DC 24V/36V/48V
Current	20mA~42mA /36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2/25.4/31.8
Display Information	PAS level / speed / trip /ODO / light status battery indicator /error alarm / walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE







MAIN FEATURES

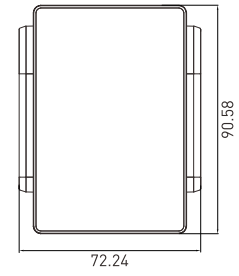
Segment & Dot matrix combination LCD screen.
It is applicable to EN 15194-2017.

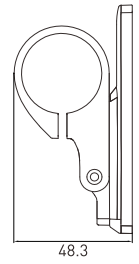


DS104

- Segment & Dot matrix combination
- Multi-angle install design
- Simple style,slim design
- Tempered glass window materail
- Non-screw assembling craft
- Full-screen design

SPECIFICATIONS	
Dimensions/ Size	L 72mm W 91mm H 48mm
Weight (g)	108g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	3.4"Segment & Dot matrix
Nominal Voltage	DC 24V/36V/48V
Current	30mA/36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2/25.4/31.8
Display Information	PAS level / speed / trip / ODO / light status battery indicator /error alarm / walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE





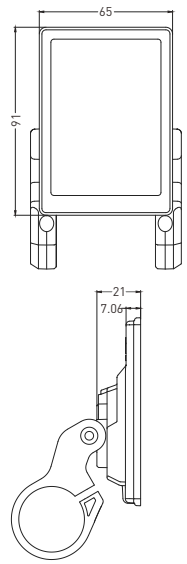




DZ32/3

- USB Type-C charging function
- Multi-angle install design
- Simple style,slim design
- Tempered glass window materail
- Non-screw assembling craft
- Full-screen design

SPECIFICATIONS	
Dimensions/ Size	L 91mm W 65mm H 21mm
Weight (g)	145g
Material	ABS
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	3.5"VA
Nominal Voltage	DC 12V~85V
Current	18mA~25mA /36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2/25.4/31.8
Display Information	PAS Level/Speed/TRIP/ODO/Light status
	Battery Indicator/Error Alarm/Walk etc.
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS





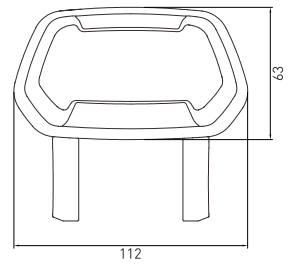
LCD MID-DISPLAY

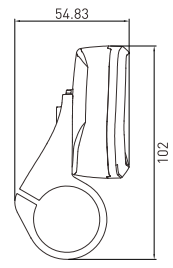


DZ43

- 3.2"VA multicolor full perspective segment
- Motocycle musle style
- USB charging function
- Light sensor

SPECIFICATIONS	
Dimensions/ Size	L112mm W 102mm H 55mm
Weight (g)	142g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	3.5"VA
Nominal Voltage	DC 12V~85V
Current	42mA /36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2/25.4/31.8
Display Information	Speed / trip /ODO / USB / reset distance S.T. / light status / battery indicator /error alarm / walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE







LCD MID-DISPLAY

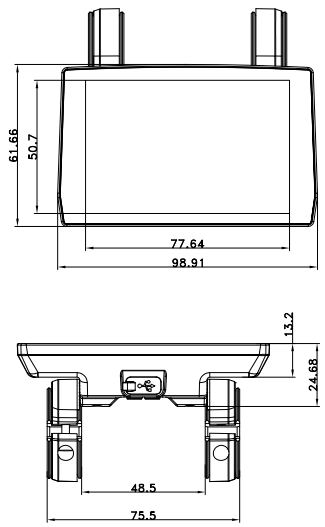


NEW

DZ60

- Segment & Dot matrix combination
- Multi-angle install design
- Simple style,slim design
- Tempered glass window materail
- USB Type-C charging function
- Full-screen design

SPECIFICATIONS	
Dimensions/ Size	L 51.7mm W 98.9mm H 24.7mm
Weight (g)	145g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	3.5"VA
Nominal Voltage	DC 12V~85V
Current	30mA/36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2/25.4/31.8
Display Information	PAS level / speed / trip / ODO / USB / light status
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE





MAIN FEATURES

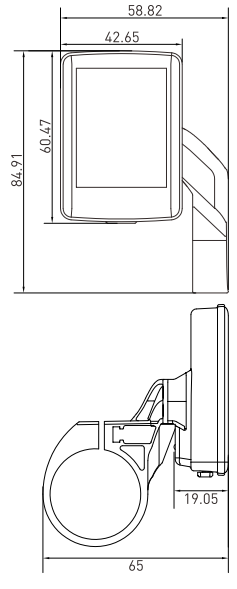
Our product features a full lamination 2-inch (240*320) true color screen, with a unilaterally changeable direction fixed bracket.



DZ49

- 2" Display screen(240*320 pixels),TFT
- In-Cell Full Lamination Screen Technology
- Light sensor
- With 2.5D shape craft

SPECIFICATIONS	
Dimensions/ Size	L 85mm W 65mm H 60mm
Weight (g)	73g
Material	PC/ABS
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	2" TFT
Nominal Voltage	DC 12V~85V
Current	18mA~25mA /36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2/25.4/31.8
Display Information	PAS Level / Speed / Battery Indicator / Light status / Error Alarm / Walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE





MAIN FEATURES

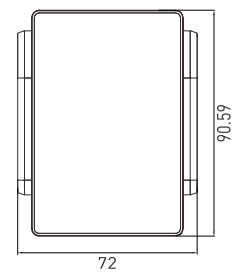
3.5" HD TFT color screen with rich functions.
It is applicable to EN 15194-2017.

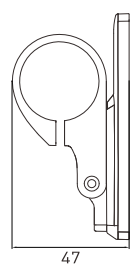


DS103/2

- 3.5"TFT screen(320*480 pixels)
- Multi-angle install design
- Simple style,slim design
- In-Cell Full Lamination Screen Technology
- Non-screw assembling craft
- BLE module optional
- Full-screen design
- USB Type-C charging function

SPECIFICATIONS	
Dimensions/ Size	L 72mm W 91mm H 47mm
Weight (g)	100g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	3.5"TFT
Nominal Voltage	DC 12V~85V
Current	30mA/36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2/25.4/31.8
Display Information	PAS level / speed / trip /ODO / light status battery indicator /error alarm / walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE





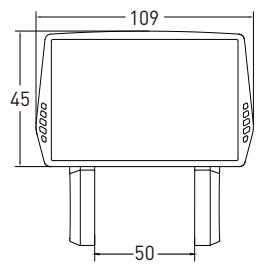


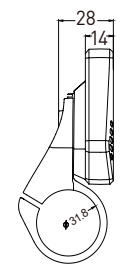


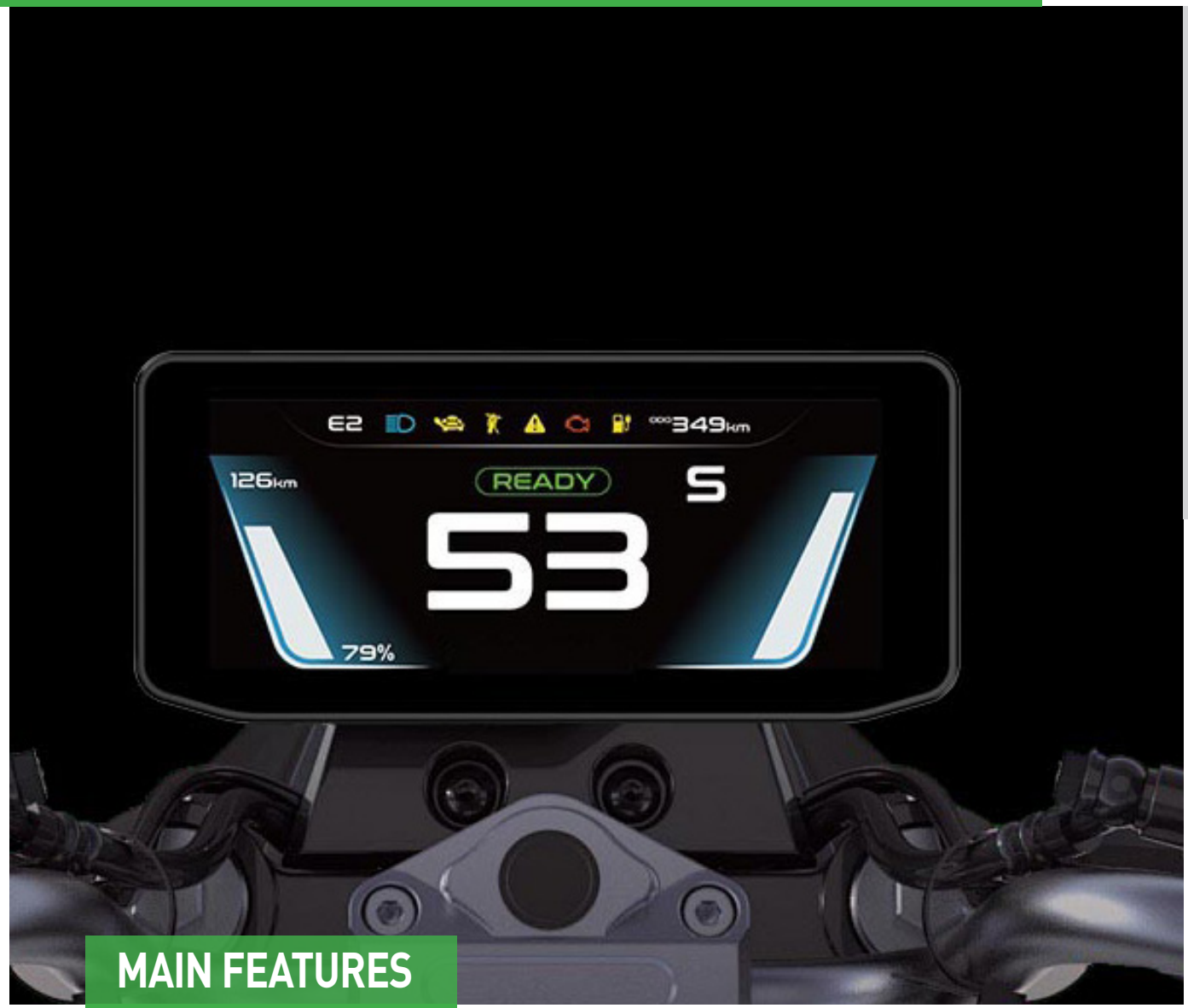
DZ52

- 3.5"TFT screen(320*480 pixels)
- Multi-angle install design
- Simple style,slim design
- In-Cell Full Lamination Screen Technology
- Non-screw assembling craft
- BLE module optional
- Full-screen design
- USB Type-C charging function

SPECIFICATIONS	
Dimensions/ Size	L 65mm W 109mm H 28mm
Weight (g)	100g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	3.5"TFT
Nominal Voltage	DC 12V~85V
Current	30mA /36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	Ø 22.2/25.4/31.8
Display Information	PAS Level/speed/trip/ODO/USB/light status / battery indicator /error alarm / walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE







MAIN FEATURES

3.99" TFT color screen with rich functions.
It is applicable to EN 15194-2017.



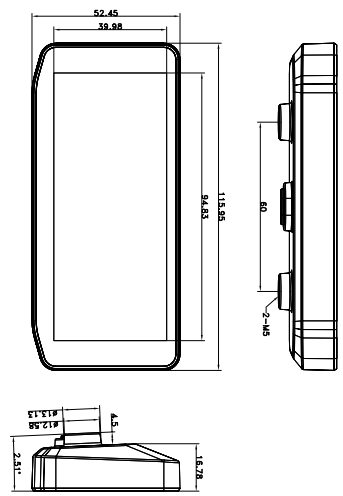
* The product installation requires a custom-made dedicated bracket for the entire vehicle.



DZ58

- 3.99"TFT screen(960*400 pixels)
- Full-screen design
- Simple style,slim design
- In-Cell Full Lamination Screen Technology
- Customized special support structure

SPECIFICATIONS	
Dimensions/ Size	L 52.5mm W 116mm H 21.3mm
Weight (g)	100g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	3.99"TFT
Nominal Voltage	DC 12V~85V
Current	12mA
Mounting Parameters	
Communication	CAN
Display Information	PAS level / speed / trip /ODO / light status
	battery indicator /error alarm etc.
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE





MAIN FEATURES

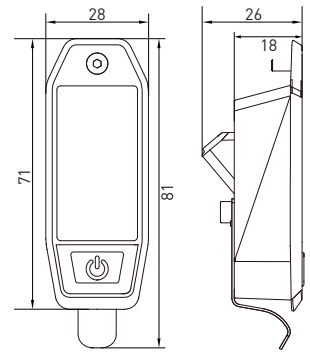
External switch control or single button control buit in dispaly.

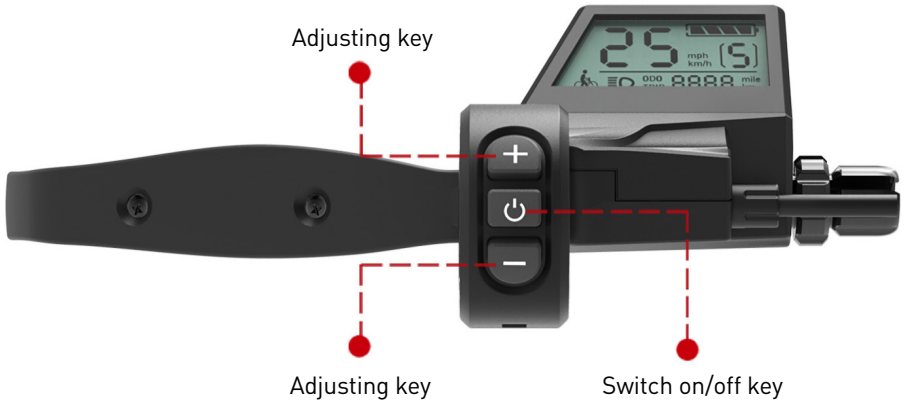


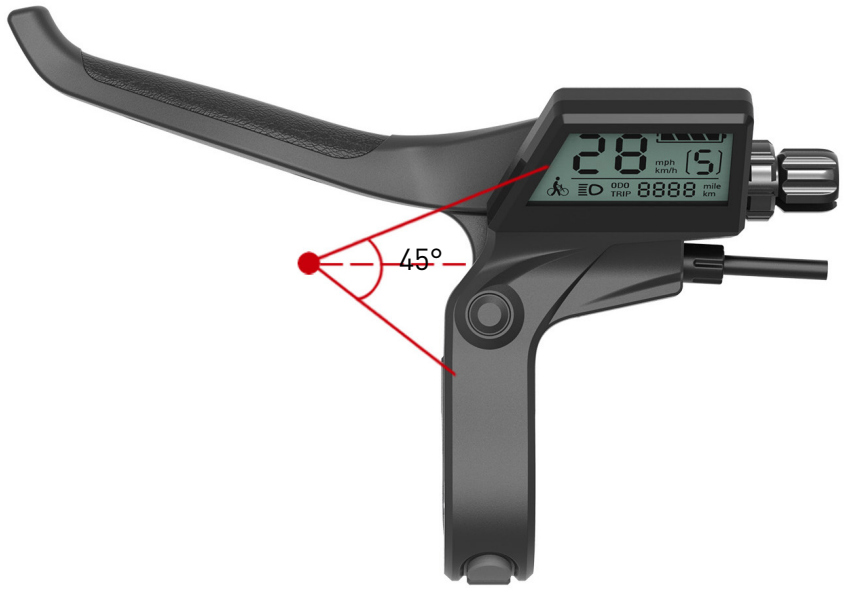
DZ45/T

- 1.37"TFT screen(161*320 pixels)
- Embedded in the frame
- Non-screw assembling craft
- In-Cell Full Lamination Screen Technology

SPECIFICATIONS	
Dimensions/ Size	L81mm W 28mm H 26mm
Weight (g)	45g
Material	ABS
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	1.37"TFT
Nominal Voltage	DC 12V~85V
Current	12mA /36V
Mounting Parameters	
Communication	UART/CAN
Handlebar for Holding	built-in
Display Information	PAS level / speed / trip /ODO / light status/ battery indicator /error alarm / walk etc.
Data Port	Bluetooth(Optional)
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE







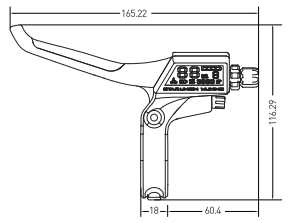
MAIN FEATURES

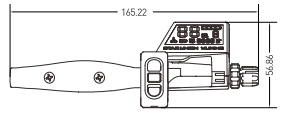
The product integrates the trinity design of the display, the brake lever and the electronic control button structure to reduce the assembly process and make the handlebar more concise. The design angle between the instrument and the brake lever is a 45° angle design, which will show the best display to the rider.



160PDD

SPECIFICATIONS	
Dimensions/ Size	L 165mm W 116mm H 57mm
Weight (g)	145g
Material	ADC10 (Aluminum)
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	1.5"LCD (FSTN)
Nominal Voltage	DC 24V/36V/48V
Current	18mA~25mA/36V
Mounting Parameters	
Communication	UART
Display Information	ODO/TRIP/ Speed/Battery Indicator/Light status/Error Alarm/Walk/Gear selection etc.
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS







MAIN FEATURES

This LCD meter combines the function of a stopwatch and a power assist thumb throttle to simplify process and reduce the cost of wiring harness integration.The compact and minimalist design style meets the needs of scooters,mopeds,and various models of electric vehicles.Switch kilometers or miles display units according to different market area settings to meet different markets.

124DX+HT390

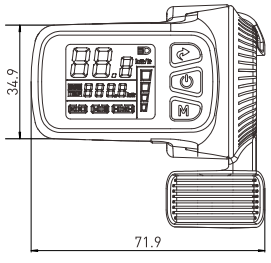


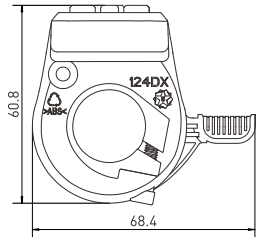
124DX+HT375



124DX/3

SPECIFICATIONS	
Dimensions/ Size	L 72mm W 60mm H 68mm
Weight (g)	67g
Material	ABS+TPR/PVC
Operating Temperature	-20°C ~ 60°C
Core Data	
Display Type	1.25"LCD (FSTN)
Nominal Voltage	DC 24V/36V/48V
Current	18mA~25mA/36V
Mounting Parameters	
Communication	UART
Display Information	ODO/TRIP/Speed/Battery Indica/Light status/Error Alarm/Gear selection etc.
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS





ODM CUSTOMIZATION SERVICE

Provides precise positioning services to foreign electric bike and power system manufacturers, and has close partnerships with many well-known brands both domestically and internationally in the two-wheel industry, such as Lectric, Surron, BMZ, Tenways, Prophete, Eggrider,TALARIA,ABOLUO and others.

LECTRIC eBIKES

Surron

BMZ THE INNOVATION GROUP

TENWAYS

prophete keep moving

EggRider

TALARIA 探骊

阿波罗 ABOLUO

- Exterior design
- Hardware design
- Structural design
- Software development
- Mass production
- Sample provision
- Mold manufacturing

ODM CASE INTRODUCTION



ROCKY MOUNTAIN

DK156

Independent remote born for racing.

Outline Dimension	L 31.7mm W 22.5mm H 13mm
Buttons	1 Buttons
Certification	CE/RoHS
Specificity	Special for e-Road and e-Gravel
Mounting	Fixed on both side
Waterproof	IPX5



DK301

P+R craft

Ultrasonic welding craft

Approval	RoHS
Size	L 43.3mm W 19mm H 40mm
Weight	10g
Waterproof	IPX5
Material	PC+ABS
Handlebar for Holding	ϕ 22.2mm Handlebar
Durability	100,000 mating cycle
Operating Temperature	-20℃～ 60℃
Function	Power on/off,shifter(+/-),information shift



DK430

P+R craft

Button with Pin in-mould craft

Approval	RoHS
Size	L46mm W20mm H42mm
Weight	23g
Waterproof	IPX5
Material	PC+ABS
Handlebar for Holding	ϕ 22.2mm
Current	2mA
Operating Temperature	-20° ～ 70°
Wire Tension	≥50N



DK428

P+R craft

Button with Pin in-mould craft

Ultrasonic welding craft

Approval	RoHS
Size	L 33mm W 40.5mm H 42mm
Weight	30g
Waterproof	IPX5
Material	ABS
Handlebar for Holding	6 Pins
Current	2mA
Operating Temperature	-20° ～ 70°
Wire Tension	50N





DK552

P+R craft

Ultrasonic welding craft

Approval	RoHS
Size	L50mm W32.5mm H43.6mm
Weight	35g
Waterproof	IPX5
Material	PC+ABS
Handlebar for Holding	ϕ22.2mm
Current	2mA
Operating Temperature	-20° ～ 70°
Wire Tension	≥50N

DK552/2

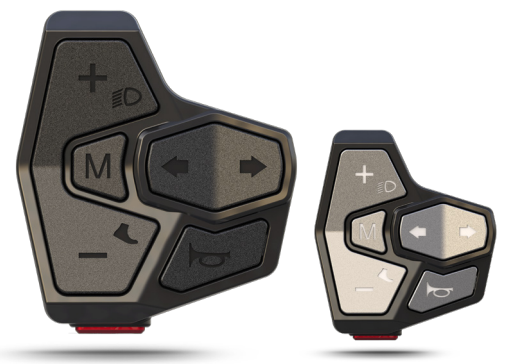


DK702

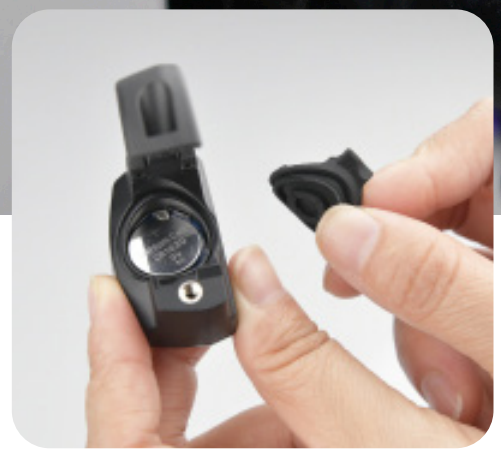
P+R craft

Customizable button icons

Approval	RoHS
Size	L 49.5mm W 43.5mm H 46mm
Weight	40g
Waterproof	IPX5
Material	PC+ABS
Handlebar for Holding	ϕ22.2mm Handlebar
Durability	100,000 mating cycle
Operating Temperature	-20℃～ 60℃
Function	Power on/off,shifter(+/-), information shift





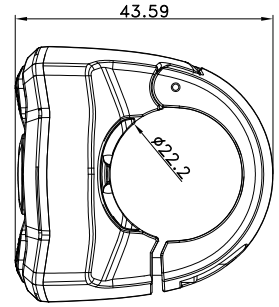


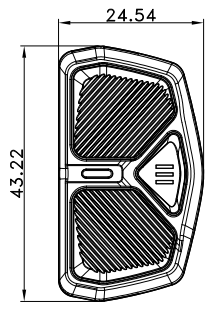
REMOTE FOR HMI



DK302BT

SPECIFICATIONS	
Dimensions/ Size	L24.5mm W 43.2mm H 43.6mm
Weight (g)	20g
Material	ABS/PA
Operating Temperature	-20°C ~ 60°C
Core Data	
Battery	CR1620
Standby Current	8.5uA
Wake-up Current	400uA
Usage Time	approx.12 months(Standby state)
	approx.6 months(0.5 hours of continuous daily use)
Mounting Parameters	
Communication	Bluetooth
Handlebar for Holding	Ø 22.2
Tests& Certifications	
Waterproof	IPX5
Certifications	RoHS/CE





IoT INTELLIGENT SOLUTION

Intelligent solution

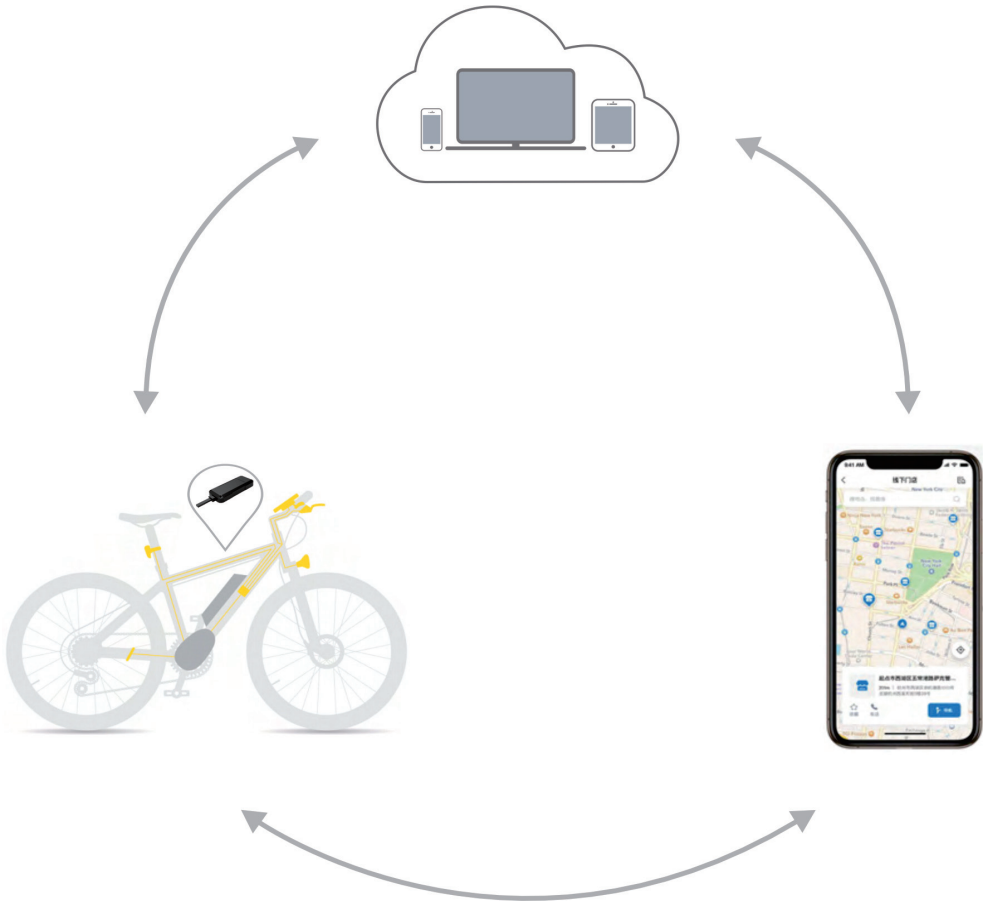
One-stop solution of "smart terminal + APP + cloud platform".

Collect EBIKE information (riding data, location, alarm status, etc).

Send it to the car owner APP and Yunzhixing management platform.

The intelligent vehicle can let the owner experience the Bluetooth sensor switch lock, one-button open seat bucket.

Intelligent anti-theft, location tracking and other functions.



INTELLIGENT HARDWARE



Vehicle positioning

Supports GPS/Beidou positioning, obtaining real-time vehicle location.

Mobile control

Users can control the vehicle switch through their mobile phones, complete vehicle sharing online, and expand cycling social networks.

OTA upgrade

Supports battery voltage, current detection, and comes with 4G CAT1 network to support remote vehicle OTA upgrades.

Vehicle status monitoring

Supports vehicle status detection, cycling speed, battery status, charging status, cycling trajectory, and other information reporting to obtain real-time vehicle health status.

Remote control and intelligent warning

Supports remote control of the vehicle and intelligent warning.

MOBILE TERMINAL



One-key start
Users can control the vehicle switch through their mobile phones.

Vehicle positioning
Obtains real-time vehicle location through GPS/Beidou.

Status detection
Whole vehicle function detection to obtain information such as vehicle battery power, charging status, service life, etc.

Safety warning
Real-time detection of vehicle vibration warning, illegal movement, and other abnormal situations when in armed state, with data synchronizing in real-time to mobile phones.

Community sharing
Nearby stores, cycling information statistics, social sharing, business district culture.

CLOUD PLATFORM



User management
Registration of user information, authorization, and sharing management.

Vehicle management
User vehicle, cycling data, health information, location, and other data management.

User care
User care setting and management.

Community operation
Cycling community, forums, cooperative stores, advertising information promotion.

TOPOLOGY

HEADQUARTERS:

JIANDE WUXING BICYCLE CO., LTD.

ADD: No.1 Zhongyue Road, Chengnan Industrial Zone, Meicheng Town, Jiande City, Zhejiang Province.China
TEL : 86(0)571-5831 9944
FAX : 86(0)571-5831 9948

CHINA OFFICE:

Room 1001, Dikai Yinzuo No. 29 Jiefang East Road, Jianggan District Hangzhou, Zhejiang Province China.
Tel:+86(0)571-8763 2183
Email: service@star-union.net
info@star-union.net
Web: https://www.star-union.net

EUROPEAN AFTER SALES CENTER:

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