SEEKRUN

SEEK YOUR LIFE

NEW PRODUCT 2023

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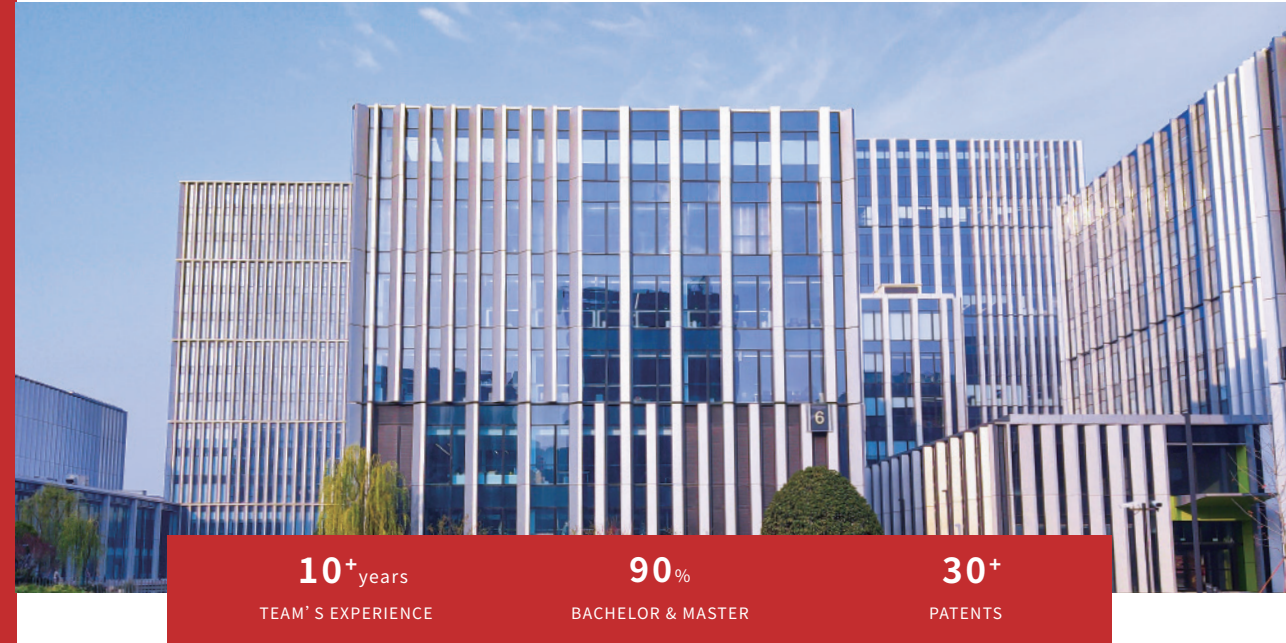Fax：86-0512-51918061
Web：www.seekrun.com

SEEKRUN

SEEK YOUR LIFE

01

ABOUT SEEKRUN

—

Become a world-class brand
with the core of intelligent interconnection

PROFILE OF SEEKRUN

10+years	**90**%	**30+**
TEAM'S EXPERIENCE	BACHELOR & MASTER	PATENTS

SEEKRUN was founded on November 1st, 2020. Intelligent Display Instrument of SEEKRUN brand is committed to R&D design, manufacturing and selling of intelligent display instrumental and related accessories products for E-bike , E- scooter and electric two-wheel transports.

Taking intelligent display instruments as the entry point and giving full play to its advantage of system connection as the core business, SEEKRUN is developing both in scope and depth with the department goals of boosting bicycle industry. In the future, intelligent display and control products will be developed to realize intelligent interconnection of people, objects and scenarios. Based itself on medium and high-end intelligent display instrument markets, SEEKRUN will only manufacture the best products with optimum quality.

02

SERVICE DIRECTION

Provide systematic scenario-based solutions

UNIVERSAL DISPLAY

After 18 months, SEEKRUN has launched a variety of display products in response to the general needs of the market, covering various screen types such as TFT, LCD, LED, and various screen sizes.

SEEKRUN keeps improving its products, pays attention to user experience, fully taps the pain points of display products, and makes targeted improvement plans to ensure that it provides customers with the best products. We focus on research on board end connector solutions, display effect solutions, IPX7 waterproof solutions, and interactive experience solutions.

PRODUCT LIST

PRODUCTS

A1 — 3.5inch TFT Horizontal Screen

G1 — 3.5inch TFT Vertical Screen

X1 — 3.5inch TFT Vertical Screen

M1 — 3.2inch LCD-VA Instrument

NEW **PRODUCTS**

Q1 — 1.91inch Integrated Display

Y2 — 1.69inch TFT Left Mounted

Eone — LED Left Mounted

CUSTOMIZED DEVELOPMENT

Perfect design process and fast delivery cycle

SEEKRUN has a complete R&D and manufacturing system, an expert-level core team, and has been deeply engaged in its professional field for more than ten years. With rich experience in successful projects, SEEKRUN can provide customers with customized display solutions.

A number of service outlets are distributed in the Yangtze River Delta region of China, Taiwan, China and Stuttgart, Germany , which can quickly respond to customers' after-sales needs and technical support.

SERVICE NETWORK

Headquarters
Address:
Building 6, Yangtze River Delta International R&D Community Launch Area,Qinglonggang Road,Xiangcheng District, Suzhou, Jiangsu, China

Germany Office
Address:
Stuttgart, Germany

Weitang Manufacturing Base
Address:
No. 1133, Fengyang Road, Weitang Town, Xiangcheng District, Suzhou, Jiangsu,China

Yancheng Manufacturing Base
Address:
Xiaojian Intelligent Terminal Industrial Park, Xiangshui County, Yancheng City,Jiangsu,China

Taiwan Provincial Office
Address:
Established in 2018, located on the 16th Floor, No. 207, Fuxing Road, Taoyuan City

CUSTOMIZED PROCESS

01 PRODUCT STRATEGY

In-depth market data analysis

Accurately formulate product direction

Dig deep into the pain points of customers

Provide scenario customized service

02 R&D DESIGN

Professional Industrial Design

Expert-level structural design team

Software and hardware development team

of intelligent driving class

03 MANUFACTURING

Intelligent production line

to achieve independent production

04 TEST VERIFICATION

Perfect verification system

International testing standards

Guaranteed product quality

05 ROAD TEST

More than 3000km road test

to further ensure the product performance

06 AFTER -SALES SUPPORT

Global service network

respond quickly to customer needs

PRODUCT INTRODUCTION

Friendly HMI experience

01 UNIVERSAL REMOTE

SEEKRUN has developed a variety of switch, all of which can be used universally and can be freely combined with different instruments to meet the different aesthetic needs of customers.

02 INTEGRATED REMOTE

SEEKRUN has been working to reduce the number of parts on the handlebar end.
So it has designed a remote that integrates the bell .

03 APP

The development of the APP realizes the navigation function of the display side, and with the LED button, the virtual smart display can be realized through the mobile phone.

04 MULTIFUNCTIONAL CLIP RING

In order to reduce vehicle accessories, SEEKRUN designed a multifunctional bracket, which can meet the installation of displays and lights at the same time, and supports angle adjustment.

05 HUB

In order to simplify the wiring of the whole vehicle and reduce the amount of wire, the independent module is suitable for a variety of displays.

06 HIDDEN WIRING SOLUTION

Hidden wiring solution realized by integrated handlebar design.

INTRODUCTION-A1

With a 3.5-inch horizontal screen, A1 is adaptable to urban leisure bicycles. This product is oriented to high-end markets with a focus on Product texture.

With excellent performance and a novel shape. A1 is also equipped with breathing lights which change the color with the speed.

The upgrade version of A1 even possesses an APP to realize the function of navigation.
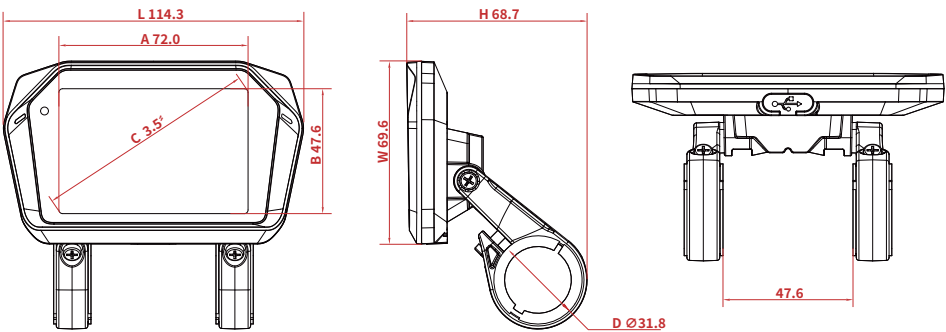
PRODUCT ADVANTAGES

- OCR Full-Fit
- Breathing Light
- Multi-color Gear
- Dynamic Interface
- Board End Connector
- Type-C Charging Port
- Support UART/CAN Protocol
- Soda Lime Glass Hardness Value:6h
- Customized Backlight Module：450cd/㎡
- Navigation (Upgrade)

PRODUCT PARAMETERS

Category		Parameter
Size	L*W*H	114.3*69.6*68.7mm
	A*B	72.0*47.6mm
	C	3.5"
	D	Φ25.4/Φ31.8mm
Screen	Type	Color Matrix
	Pixel	480*320px
Connector	Type	Board End Connector
	Length	300/250mm
Core Data	Rated Voltage	36V/48V
	Support Modes	Mode Gear / Digital Gear
	Operating Temperature	-20~50℃
	Waterproof	IPX6
	Weight(g)	163±5
	Com.Protocol	UART/CAN
Further Specifications	Bluetooth	Optional
	Navigation	Optional
	Light Sensor	Yes
	Type-C	5V 500mA
Test & Certifications		CE / Rohs/EN15194/Reach

| Display Content	Parameter Setting
Current Speed	Brightness
Max Speed	Auto OFF
Average Speed	Unit
Single Trip	Assist Mode
Total Distance	Date & Time
Range	Auto Lamp
Error Code	Reset
Capacity	Version Info
Walk Assistance	Battery Info
Trip Time	Error Info
Power	/
Date & Time	/

INTRODUCTION-G1

With a 3.5-inch high-resolution color screen, G1 suits for urban leisure bicycles.
Possessed of a dainty body and a curved 2.5D screen, G1 is exquisite in details.
Besides the pretty appearance, G1 is interactively-friendly, which may render a pleasant user experience.

PRODUCT ADVANTAGES

- OCA Full-Fit
- IPX7 Waterproof
- Multi-color Gear
- Dynamic Interface
- Board End Connector
- Support UART/CAN Protocol
- Soda Lime Glass Hardness Value:6h
- Customized Backlight Module：450cd/㎡

PRODUCT PARAMETERS
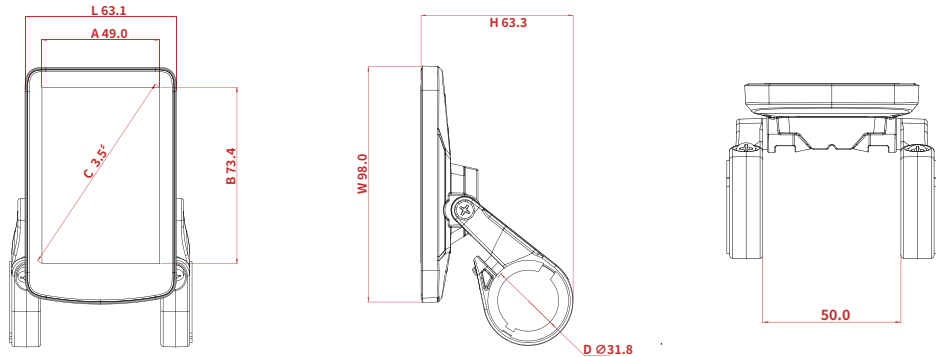
Category		Parameter
Size	L*W*H	63.1*98.0*63.3mm
	A*B	49.0*73.4mm
	C	3.5″
	D	Φ25.4/Φ31.8mm
Screen	Type	Color Matrix
	Pixel	320*480px
Connector	Type	Board End Connector
	Length	300/250mm
Core Data	Rated Voltage	36V/48V
	Support Modes	Mode Gear / Digital Gear
	Operating Temperature	-20~50℃
	Waterproof	IPX7
	Weight(g)	140±5
	Com.protocol	UART/CAN
Further Specifications	Bluetooth	Optional
	Light Sensor	Yes
Test & Certifications		CE / Rohs/EN15194/Reach

Display Content	Parameter Setting
Current Speed	Brightness
Max Speed	Auto OFF
Average Speed	Unit
Single Trip	Assist Mode
Total Distance	Auto Lamp
Range	Reset
Error Code	Version Info
Capacity	Battery Info
Walk Assistance	Error Info

INTRODUCTION-X1

With a 3.5-inch color screen in the middle, this display instrument applies to urban leisure bicycles.
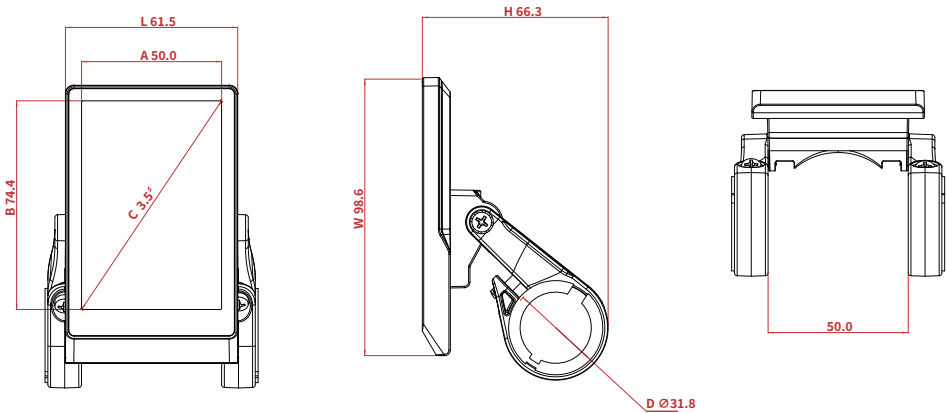The minimalistic appearance highlights the functions of the product itself, matching bicycles of various styles.

PRODUCT ADVANTAGES

- OCA Full-Fit
- IPX7 Waterproof
- Multi-color Gear
- Dynamic Interface
- Board End Connector
- Support UART/CAN Protocol
- Soda Lime Glass Hardness Value:6h
- Customized Backlight Module：450cd/㎡

PRODUCT PARAMETERS

Category		Parameter
Size	L*W*H	61.5*98.6*66.3mm
	A*B	50.0*74.4mm
	C	3.5"
	D	Φ25.4/Φ31.8mm
Screen	Type	Color Matrix
	Pixel	320*480px
Connector	Type	Board End Connector
	Length	300/250mm
Core Data	Rated Voltage	36V/48V
	Support Modes	Mode Gear / Digital Gear
	Operating Temperature	-20~50℃
	Waterproof	IPX7
	Weight(g)	146±5
	Com.protocol	UART/CAN
Further Specifications	Bluetooth	Optional
	Light Sensor	Yes
	Test & Certifications	CE / Rohs/EN15194/Reach

Display Content	Parameter Setting
Current Speed	Brightness
Max Speed	Unit Switch
Average Speed	Speed Limit
Single Trip	Wheel Size
Total Distance	Magnetic Setting
Range	Voltage Switch
Error Code	Auto OFF
Capacity	Reset
Walk Assistance	/

INTRODUCTION-M1

This is a high cost-effective display instrument.
The negative display segment-code LCD screen with white characters on black background looks more fashionable than the traditional segment-code LCD screen, which will meet a different demand of the customers.

PRODUCT ADVANTAGES

- OCA Full-Fit
- IPX7 Waterproof
- Board End Connector
- Support UART/CAN Protocol
- Soda Lime Glass Hardness Value:6h
- Customized Backlight Module：450cd/㎡
- LCD-VA Screen

PRODUCT PARAMETERS
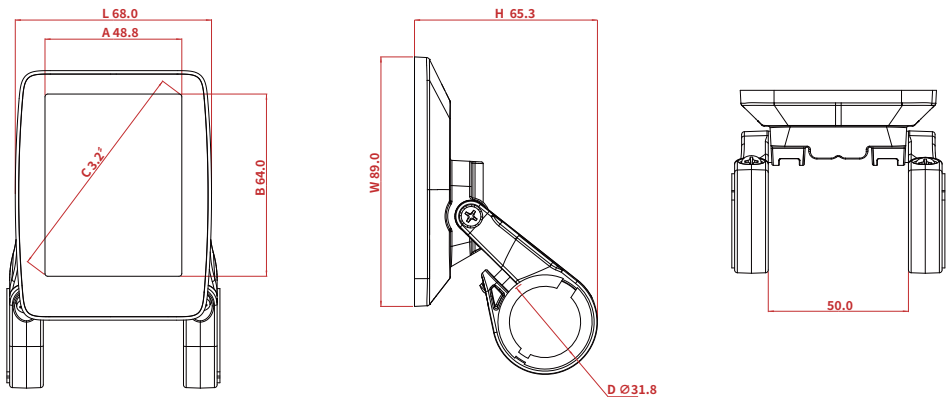
Category		Parameter
Size	L*W*H	68.0*89.0*65.3mm
	A*B	48.8*64.0mm
	C	3.2"
	D	Φ25.4/Φ31.8mm
Screen	Type	Segment Matrix
	Pixel	-
Connector	Type	Board End Connector
	Length	300/250mm
Core Data	Rated Voltage	36V/48V
	Support Modes	5 Digital Gears (Unchangeable)
	Operating Temperature	-20~50℃
	Waterproof	IPX7
	Weight(g)	130±5
	Com.protocol	UART/CAN
Further Specifications	Bluetooth	Optional
	Light Sensor	Yes
	Test & Certifications	CE / Rohs/EN15194/Reach

| Display Content	Parameter Setting
Current Speed	Brightness
Max Speed	Voltage Switch
Average Speed	Wheel Size
Single Trip	Unit Switch
Total Distance	Speed Limit
Error Code	Reset
Capacity	Auto OFF
Walk Assistance	Magnetic Setting
/	Battery Info

INTRODUCTION-Q1

This is a 1.91-inch embedded color screen instrument.

The bus cable is embedded to solve the problem of messy wire assembly.

It is more humanized to meet the needs of different customers by matching with the self-developed stem with adjustable angle.

PRODUCT ADVANTAGES

- OCA Full-Fit
- IPX7 Waterproof
- Type-C Charging Port
- Wide Voltage:10V-100V
- Board End Connector
- The Riser Angle is Adjustable
- Support UART/CAN Protocol
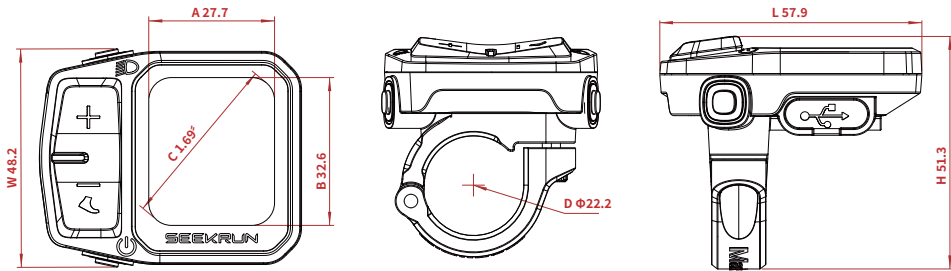- Soda Lime Glass Hardness Value:6h
- Customized Backlight Module:450cd/㎡

PRODUCT PARAMETERS
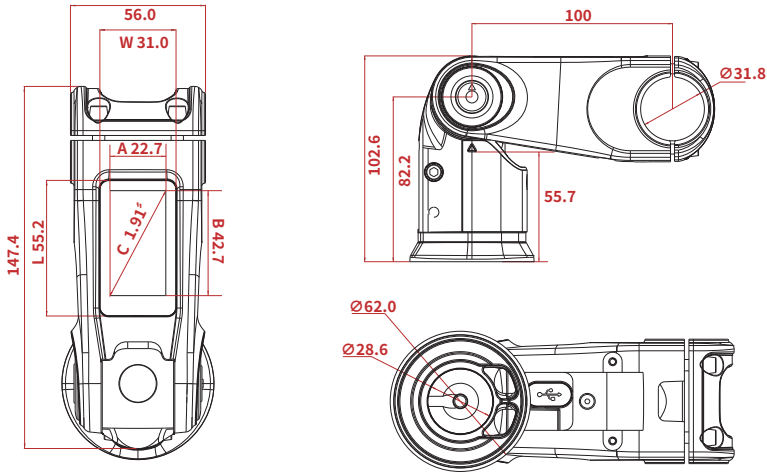
Category		Parameter
Size	L*W*H	55.2*31.0*37.6mm
	A*B	22.7*42.7mm
	C	1.91″
	D	embedded
Screen	Type	TFT Color Matrix
	Pixel	170*320px
Connector	Type	Board End Connector
	Length	500mm
Core Data	Rated Voltage	36V/48V
	Support Modes	Mode Gear /Digital Gear(0~9)
	Operating Temperature	-20~50℃
	Waterproof	IPX7
	Weight(g)	709±5
	Com.protocol	UART/CAN
Further Specifications	Type-C	5V 500mA
	Test & Certifications	CE / Rohs/EN15194/Reach

Display Content	Parameter Setting
Current Speed	Brightness
Max Speed	Wheel Size
Average Speed	Unit Switch
Single Trip	Speed Limit
Total Distance	Reset
Error Code	Auto OFF
Capacity	/
Walk Assistance	/

INTRODUCTION-Y2

This is a 1.69-inch left-mounted color-screen instrument with delicate and compact shape, which can be adapted to different models and curved buttons to improve the pressing experience.

PRODUCT ADVANTAGES

• OCA Full-Fit
• IPX7 Waterproof
• Multi-color Gear
• Board End Connector
• Type-C Charging Port
• Wide Voltage:10V-100V
• Support UART/CAN Protocol
• Soda Lime Glass Hardness Value:6h
• Customized Backlight Module：420cd/㎡

PRODUCT PARAMETERS

Category		Parameter
Size	L*W*H	57.9*48.2*51.3mm
	A*B	27.7*32.6mm
	C	1.69"
	D	Φ22.2mm
Screen	Type	TFT Color Matrix
	Pixel	240*280px
Connector	Type	Board End Connector
	Length	500mm
Core Data	Rated Voltage	36V/48V
	Support Modes	Mode Gear /Digital Gear(0~9)
	Operating Temperature	-20~50℃
	Waterproof	IPX7
	Weight(g)	46±5
	Com.protocol	UART/CAN
Further Specifications	Bluetooth	Optional
	Light Sensor	Yes
	Type-C	5V 500mA
	Test & Certifications	CE / Rohs/EN15194/Reach

Display Content	Parameter Setting
Current Speed	Brightness
Max Speed	Wheel Size
Average Speed	Unit Switch
Single Trip	Speed Limit
Total Distance	Reset
Error Code	Auto OFF
Capacity	/
Walk Assistance	/

INTRODUCTION-Eone

This is an LED color screen instrument with compact appearance.

Adopt LED screen to consume less power and save energy.

The upgraded version can also be used as a remote to provide customers with more choices.
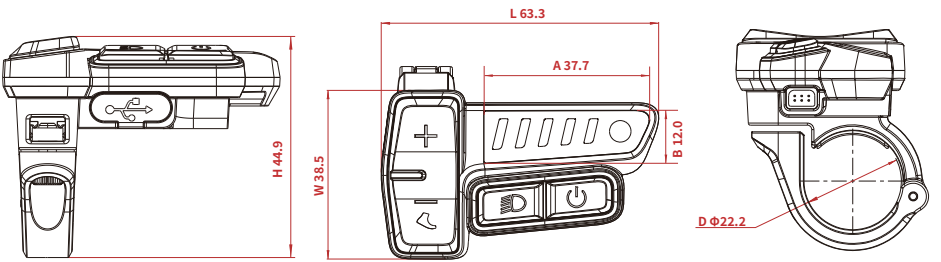
PRODUCT ADVANTAGES

—

• IPX7 Waterproof

• Board End Connector

• Support UART/CAN Protocol

• Soda Lime Glass Hardness Value:6h

• It Can Be Used As a Remote As Well As

   an Independent Display

• LED Screen

L 63.3
A 37.7
H 44.9
W 38.5
B 12.0
D Φ22.2

Category		Parameter
Size	L*W*H	63.3*38.5*44.9mm
	A*B	37.7*12.0mm
	C	/
	D	Φ22.2mm
Screen	Type	LED
	Pixel	-
Connector	Type	Board End Connector
	Length	500mm
Core Data	Rated Voltage	36V/48V
	Support Modes	Three Gear Adjustment
	Operating Temperature	-20~50℃
	Waterproof	IPX7
	Weight(g)	37±5
	Com.protocol	UART/CAN
Further Specifications	Type-C	5V 500mA
Display Content	Capacity	Yes
Test & Certifications		CE / Rohs/EN15194/Reach

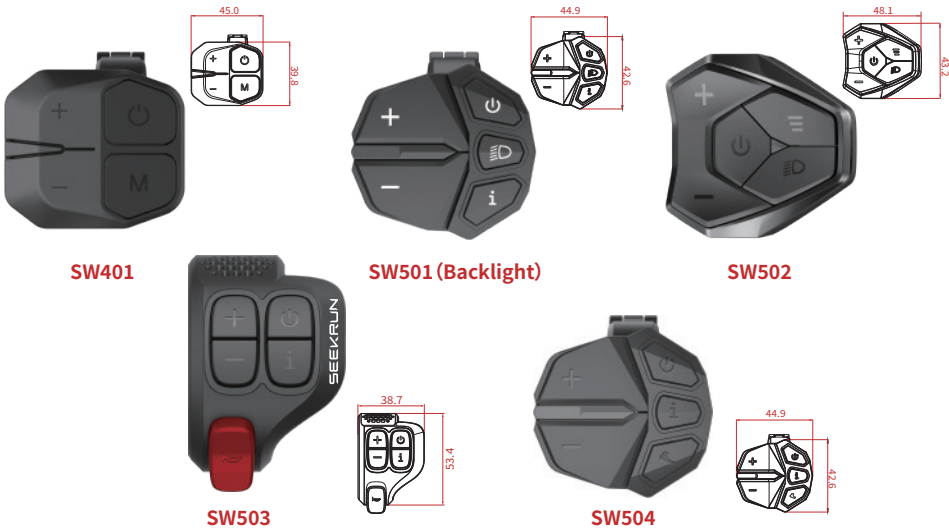# PRODUCT PARAMETERS

ACCESSORIES

HUB
Display
Bracket

KIT 01

Remote+Display
SW501+A1

+

Hub
HB0501

+

Bracket
BK101

+

Brake
SR04

REMOTE

Gear Up
Power On/Off
Gear Down
Lamp
Setup

45.0

44.9

48.1

SW401

SW501 (Backlight)

SW502

SW503

38.7
53.4

SW504

44.9

BRACKET

BK102

69.9
73.4°
50.0

45.3

50.7

BK101
⌀31.8mm
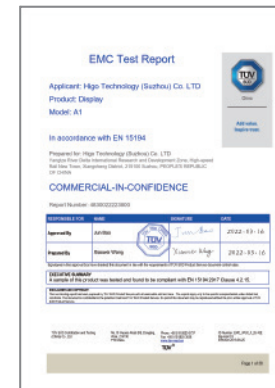
BK102
⌀25.4/⌀31.8mm

BK103
⌀35.0mm
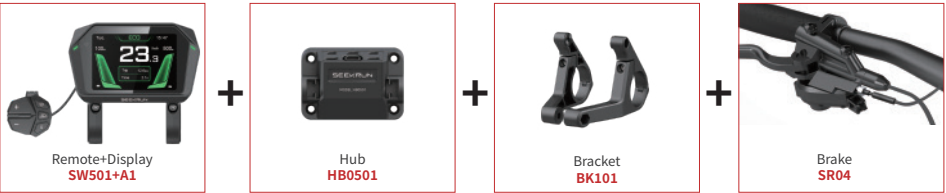
04

CERTIFICATION AND TEST

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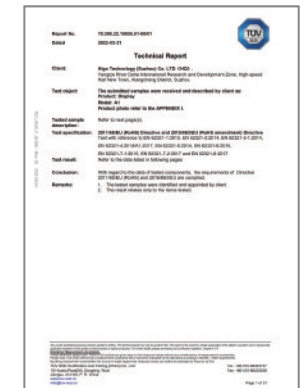High quality by ingenious craftsmanship

CERTIFICATION

SEEKRUN not only focuses on research and development, but also mass-produces products in accordance with international standards and successfully passed various testing standards.

EMC test report

ROHS certification

CE certification

Utility model & Appearance patent

TEST

SEEKRUN has perfect testing capabilities,we continuously optimize our products by strict test process.

In addition, we has set up a cycling club to test the products on the road. The members of SEEKRUN also took this opportunity to fully experience the products and constantly propose better display solutions. SEEKRUN also hopes to take this opportunity to enhance everyone's awareness of environmental protection and develop a good habit of green commuting.

Riding Test