SEEKRUN

SEEK YOUR LIFE

PRODUCTS AND FEATURES

Model year 2023

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SEEKRUN

SEEK YOUR LIFE

01

ABOUT SEEKRUN

Becoming a world-renowned brand
focusing on intelligent interconnection

30+

PATENTS

PROFILE OF SEEKRUN

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

Established in 2020, SEEKRUN is a dynamic brand dedicated to the R&D, manufacturing, and sales of intelligent displays and accessories for E-bikes and Light E-vehicles.

Our brand encapsulates the philosophy of "Seek & Run", embodying the spirit of exploration, action, and continuous progress. "Seek" reflects an inquisitive mindset that drives innovation and growth, while "Run" symbolizes taking action and embracing challenges.

With a relentless pursuit of excellence, we prioritize exclusivity and quality, setting the benchmark for superior products and service.

We strive to create products that perfectly integrate with your E-Mobility, enhancing your riding experience and fostering a harmonious partnership between humans, mobility, and the environment. We envision a future where electric journeys are not only sustainable but also exhilarating and transformative.

02

SERVICE DIRECTION

Providing systematic and scenario-based solutions

UNIVERSAL DISPLAYS

To meet the diverse demands of the market, SEEKRUN has invested 18 months of research and development to produce a range of displays, covering multiple screen sizes and types such as TFT, LCD, LED, etc.

SEEKRUN is dedicated to continuous improvement of products, with a focus on enhancing user experience. Identifying pain points for customers and providing targeted solutions, such as high-definition display, panel connectors, IPX7 waterproof rating, optimal human-machine interactive experience, etc., which ensure the high-quality products.

PRODUCT LIST

PRODUCTS

A1 —— 3.5-inch TFT horizontal screen display

G1 —— 3.5-inch TFT vertical screen display

X1 —— 3.5-inch TFT vertical screen display

M1 —— 3.2-inch LCD-VA display

NEW PRODUCTS

Q1 —— 1.91-inch TFT built-in display

Y2 —— 1.69-inch TFT left-mounted display
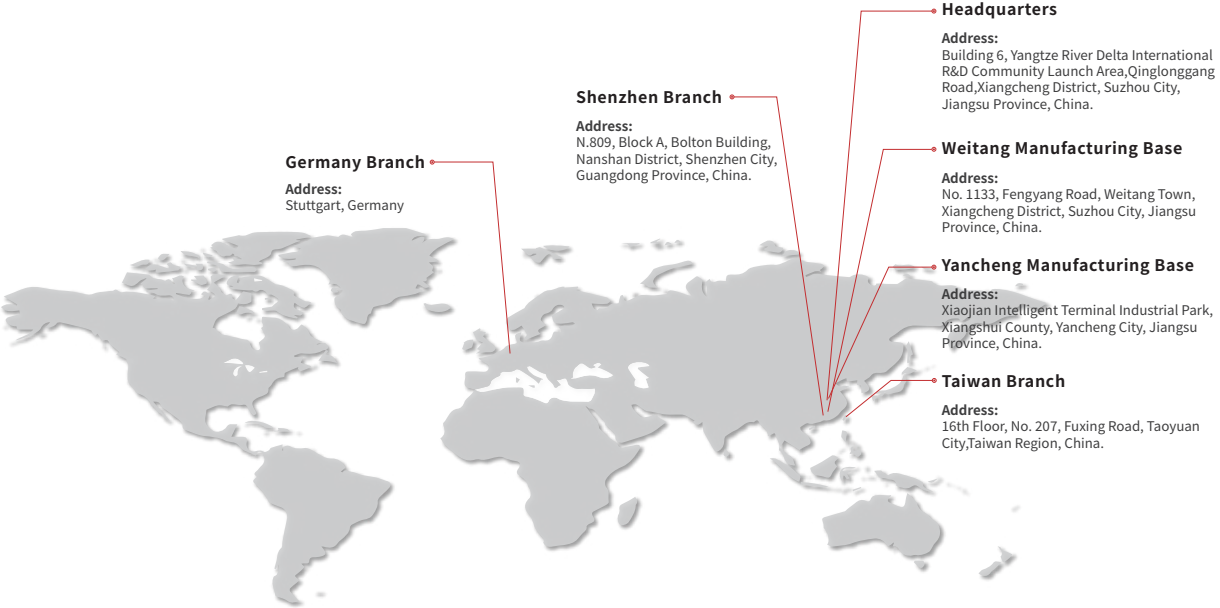
Eone —— LED left-mounted display

CUSTOMIZED DEVELOPMENT

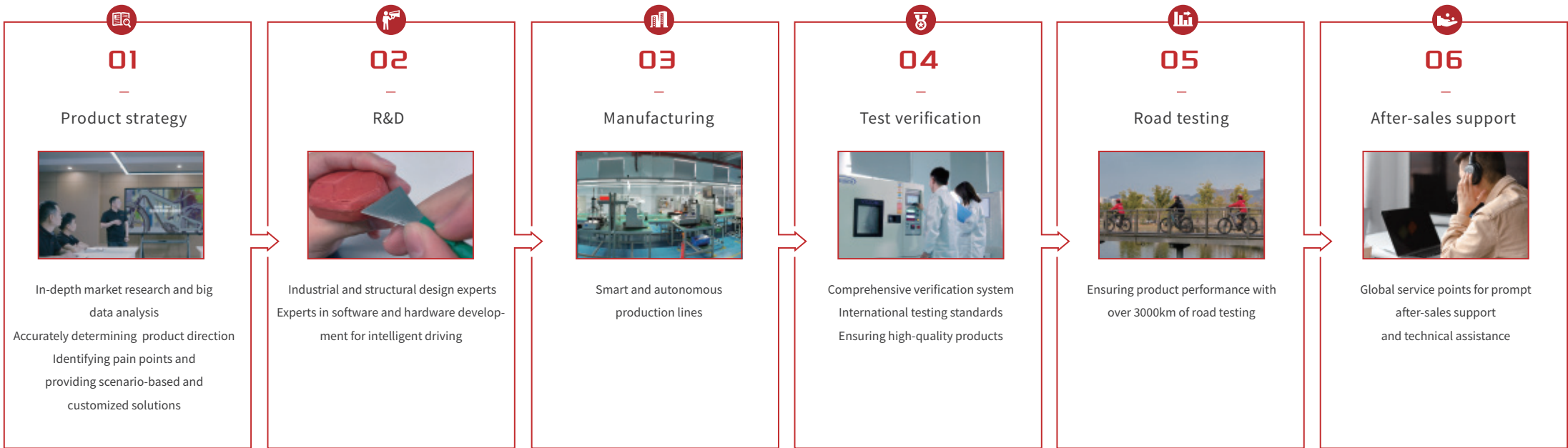## Comprehensive R&D system and fast delivery

SEEKRUN has a comprehensive R&D and manufacturing system. Our team consists of dozens of experienced experts who have delivered successful projects in this fields and can provide customized solutions.

To provide prompt after-sales support and technical assistance to our customers, we have established branches in Yangtze River Delta region and Taiwan, China, as well as in Stuttgart, Germany.

SERVICE NETWORK

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

Shenzhen Branch
Address:
N.809, Block A, Bolton Building, Nanshan District, Shenzhen City, Guangdong Province, China.

Germany Branch
Address:
Stuttgart, Germany

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

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

Taiwan Branch
Address:
16th Floor, No. 207, Fuxing Road, Taoyuan City,Taiwan Region, China.

CUSTOMIZED PROCESS

01
Product strategy

In-depth market research and big data analysis
Accurately determining product direction
Identifying pain points and providing scenario-based and customized solutions

02
R&D

Industrial and structural design experts
Experts in software and hardware development for intelligent driving

03
Manufacturing

Smart and autonomous production lines

04
Test verification

Comprehensive verification system
International testing standards
Ensuring high-quality products

05
Road testing

Ensuring product performance with over 3000km of road testing

06
After-sales support

Global service points for prompt after-sales support and technical assistance

PRODUCT INTRODUCTION

—

Friendly Human-machine interaction

01
Compatible remotes

Multiple remotes are perfectly compatible with all kinds of our displays to meet the diverse needs.

02
Integrated remotes

A remote is integrated with an horn, making the handlebar neater.

03
APP

Keeping all key riding information in one place.
Not only a smartphone, but also a intelligent control center.

04
Multi-functional brackets

You can easily mount both a display and headlight on a multi-functional bracket. The adjustable angle can also provide comfort.

05
Hub

A built-in and underlying hub holds the wire harnesses and avoids the clutter.

06
Internal integrated wire harness solution

The neat handlebar features internal integrated wire harness.

INTRODUCTION-A1

This is a 3.5-inch horizontal screen display specifically designed for city e-bikes, targeted at the high-end market, with an emphasis on product texture.

Not only does it offer exceptional performance and a stylish appearance, but it also innovatively incorporates breathing lights which change the color with the speed to enhance the interaction between humans and machines.

Additionally, the upgraded version features an app that provides navigation functionality.

PRODUCT ADVANTAGES

- OCR full lamination
- Breathing lights
- Multicolored riding mode
- Dynamic interface
- Panel connectors
- Type-C charging port
- Compatible with UART/CAN protocol
- Soda-lime glass hardness value:6h
- Display brightness：450cd/㎡
- Navigation (the upgraded version)

PRODUCT PARAMETERS
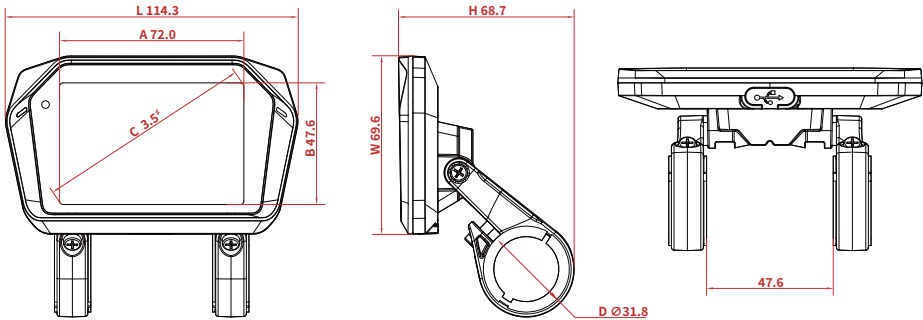
Parameter		
Size	L*W*H	114.3*69.6*68.7mm
	A*B	72.0*47.6mm
	C	3.5 "
	D	Ø22.2/Ø25.4/Ø31.8/Ø35.0mm
Screen	Type	TFT color matrix
	Resolution	480*320px
Connector	Connector type	Panel connectors
	Wire length(approx.)	300/250mm
Core data	Rated voltage	36V/48V
	Assisted mode	4 Gear modes / 9 Digital modes
	Operating temperature	-20~50℃
	Waterproof rating	IPX7
	Weight(total)	163±5g
	Compatible protocol	UART/CAN
Premium functions	Bluetooth	Supported
	Navigation	Supported
	Light sensor	Yes
	USB-C charging voltage	5V
	Max. USB-C charging current	500mA
Test & Certification		CE/Rohs/EN15194/Reach

| Display items	Setting items
Current speed	Display Brightnes
Assistance level	Automatic switch-off time
Motor output	Unit switch
E-Bike battery charge indicator	Date & Time
Single journey distance	Assistance mode switch
Total distance	Automatic lighting
Average speed	Reset
MAX speed	Wheel size
Remaining range	-
Journey time	-
Date & Time	-
Light indicator	-
Walk assistance	-

INTRODUCTION-G1

This is a 3.5-inch high-definition color screen display that is suitable for city e-bikes. It is designed to be small, exquisite and with uncompromising attention to detail, featuring a 2.5D curved screen that provides for a sleek and excellent appearance,increases visual comfort at the same time.
In addition, its user-friendly human-machine interaction ensures pleasant user experience.

PRODUCT ADVANTAGES

- OCA full lamination
- IPX7 waterproof rating
- Multicolored riding mode
- Dynamic interface
- Panel connectors
- Compatible with UART/CAN protocol
- Soda-lime glass hardness value:6h
- Display brightness：450cd/㎡

PRODUCT PARAMETERS
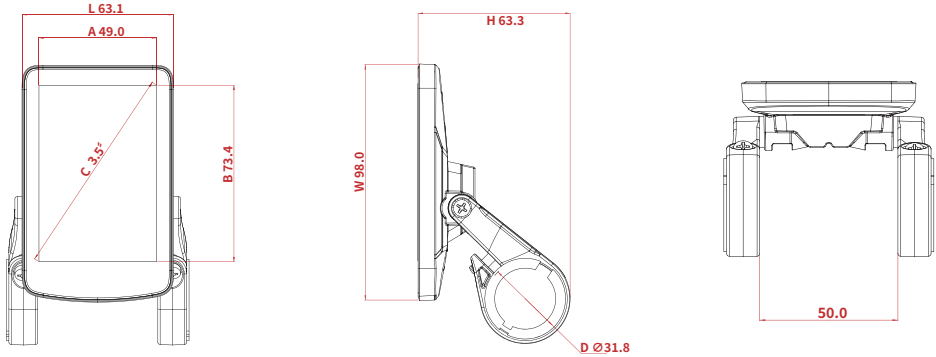
Parameter

Size	L*W*H		63.1*98.0*63.3mm
	A*B		49.0*73.4mm
	C		3.5 "
	D		Ø22.2/Ø25.4/Ø31.8/Ø35.0mm
Screen	Type		TFT color matrix
	Resolution		320*480px
Connector	Connector type		Panel connectors
	Wire length(approx.)		300/250mm
Core data	Rated voltage		36V/48V
	Assisted mode		4 Gear modes / 9 Digital modes
	Operating temperature		-20~50℃
	Waterproof rating		IPX7
	Weight(total)		140±5g
	Compatible protocol		UART/CAN
Premium functions	Bluetooth		Supported
	Light sensor		Yes
Test & Certification			CE/Rohs/EN15194/Reach

| Display items	Setting items
Current speed	Display Brightness
Assistance level	Automatic switch-off time
Motor output	Unit switch
E-Bike battery charge indicator	Assistance mode switch
Single journey distance	Automatic lighting
Total distance	Reset
Average speed	Wheel size
MAX speed	-
Remaining range	-
Light indicator	-
Walk assistance	-

INTRODUCTION-X1

This is a 3.5-inch high-definition color screen display that is suitable for city e-bikes,extremely narrow frame brings larger field of view. Its minimalistic design allows it to effortlessly complement different e-bike styles.

PRODUCT ADVANTAGES

- OCA full lamination
- IPX7 waterproof rating
- Multicolored riding mode
- Dynamic interface
- Panel connectors
- Compatible with UART/CAN protocol
- Soda-lime glass hardness value:6h
- Display brightness：450cd/㎡

PRODUCT PARAMETERS
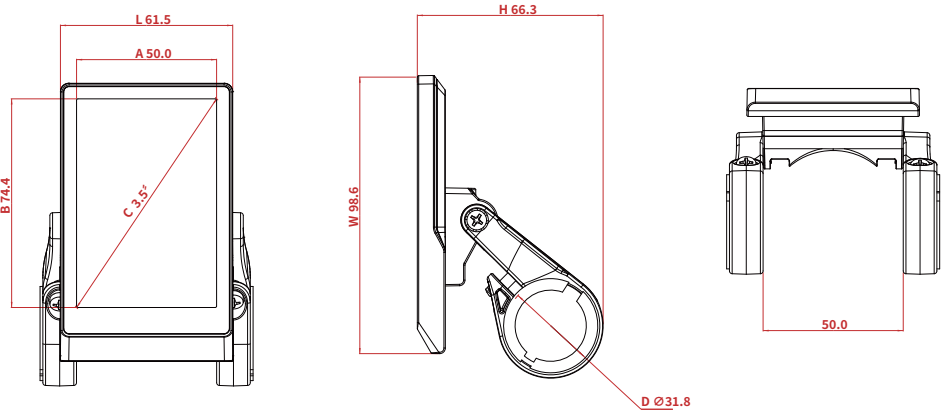
Parameter		
Size	L*W*H	61.5*98.6*66.3mm
	A*B	50.0*74.4mm
	C	3.5 "
	D	Ø22.2/Ø25.4/Ø31.8/Ø35.0mm
Screen	Type	TFT color matrix
	Resolution	320*480px
Connector	Connector type	Panel connectors
	Wire length(approx.)	300/250mm
Core data	Rated voltage	36V/48V
	Assisted mode	4 Gear modes / 9 Digital modes
	Operating temperature	-20~50℃
	Waterproof rating	IPX7
	Weight(total)	146±5g
	Compatible protocol	UART/CAN
Premium functions	Bluetooth	Supported
	Light sensor	Yes
Test & Certification		CE/Rohs/EN15194/Reach

| Display items	Setting items
Current speed	Display Brightness
Assistance level	Automatic switch-off time
Motor output	Unit switch
E-Bike battery charge indicator	Assistance mode switch
Single journey distance	Automatic lighting
Total distance	Reset
Average speed	Wheel size
MAX speed	-
Remaining range	-
Light indicator	-
Walk assistance	-

INTRODUCTION-M1

This is a highly cost-effective 3.2-inch segmented screen display with low power consumption. Thanks to the black background and white large font, the display is particularly clearly designed, so that gives you more safety and comfort when riding.

PRODUCT ADVANTAGES

- OCA full lamination
- IPX7 waterproof rating
- Panel connectors
- Compatible with UART/CAN protocol
- Soda-lime glass hardness value:6h
- Display brightness：450cd/㎡
- LCD-VA screen

PRODUCT PARAMETERS
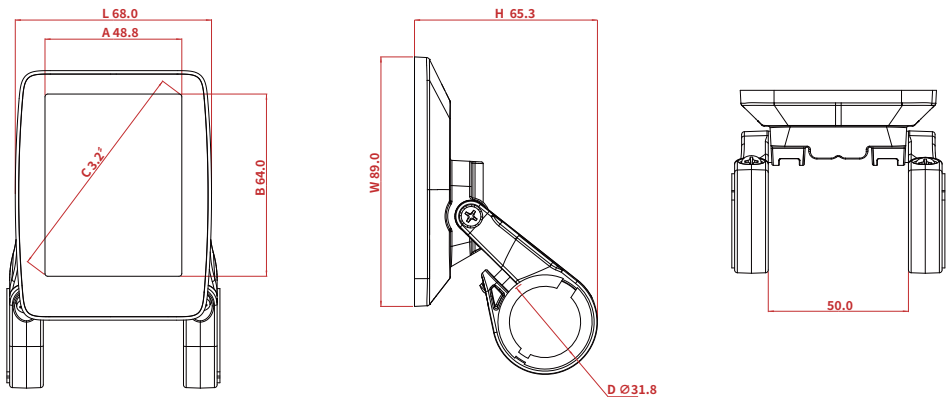
Parameter		
Size	L*W*H	68.0*89.0*65.3mm
	A*B	48.8*64.0mm
	C	3.2 "
	D	Ø22.2/Ø25.4/Ø31.8/Ø35.0mm
Screen	Type	Segment
	Resolution	—
Connector	Connector type	Panel connectors
	Wire length(approx.)	300/250mm
Core data	Rated voltage	36V/48V
	Assisted mode	5 Digital modes
	Operating temperature	-20~50℃
	Waterproof rating	IPX7
	Weight(total)	130±5g
	Compatible protocol	UART/CAN
Premium functions	Bluetooth	Supported
	Light sensor	Yes
Test & Certification		CE/Rohs/EN15194/Reach

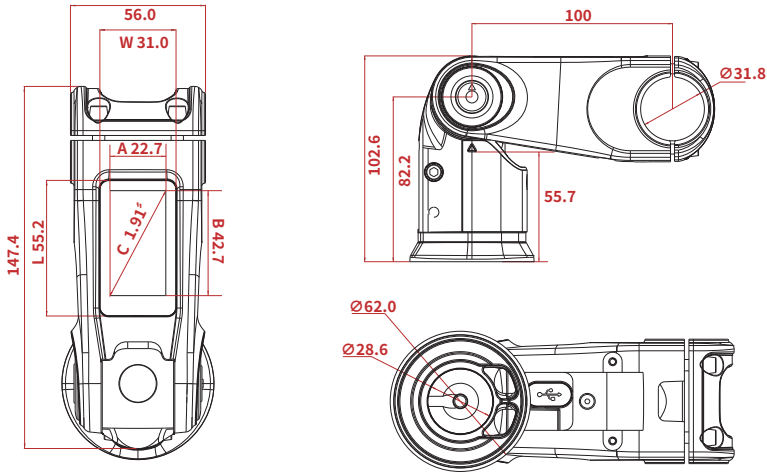| Display items	Setting items
Current speed	Display Brightness
Assistance level	Unit switch
E-Bike battery charge indicator	Automatic lighting
Single journey distance	Reset
Total distance	Wheel size
Average speed	-
MAX speed	-
Light indicator	-
Walk assistance	-

INTRODUCTION-Q1

This is a 1.91-inch TFT embedded color screen display.

The only one integrated wire harness is hidden internal to avoid the clutter.

In combination with our self-developed angle-adjustable stem,you can adjust it to the optimum angle for good readability and a comfortable ride.

PRODUCT ADVANTAGES

- OCA full lamination
- IPX7 waterproof rating
- Type-C charging port
- Wide voltage:10V-100V
- Panel connectors
- Adjustable stem angle
- Compatible with UART/CAN protocol
- Soda-lime glass hardness value:6h
- Display brightness：450cd/㎡

PRODUCT PARAMETERS

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
	Resolution	170*320px
Connector	Connector type	Panel connectors
	Wire length(approx.)	500mm
Core data	Rated voltage	36V/48V
	Assisted mode	4 Gear modes / 9 Digital modes
	Operating temperature	-20~50℃
	Waterproof rating	IPX7
	Weight(total)	709±5g
	Compatible protocol	UART/CAN
Premium functions	USB-C charging voltage	5V
	Max. USB-C charging current	500mA
Test & Certification		CE/Rohs/EN15194/Reach

Display items	Setting items
Current speed	Display Brightness
Assistance level	Automatic switch-off time
Motor output	Unit switch
E-Bike battery charge indicator	Assistance mode switch
Single journey distance	Reset
Total distance	Wheel size
Average speed	-
MAX speed	-
Light indicator	-
Walk assistance	-

INTRODUCTION-Y2

This is a 1.69-inch left-mounted color screen display with small and exquisite design, which can finely fit multiple e-bike styles.

Its ergonomic remote features a curved shape that perfectly fits the thumb arc, providing a comfortable operating experience throughout the entire ride.
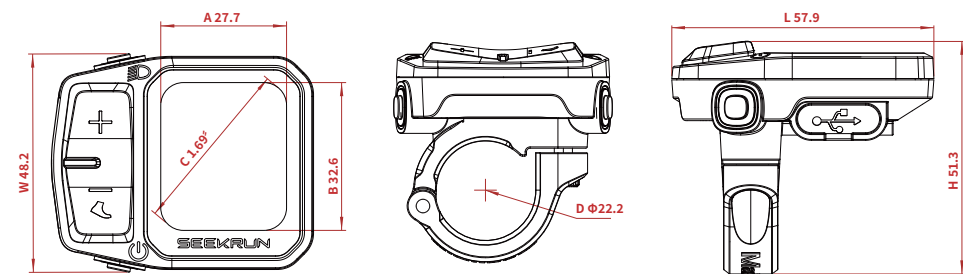
PRODUCT ADVANTAGES

- OCA full lamination
- IPX7 waterproof rating
- Multicolored riding mode
- Panel connectors
- Type-C charging port
- Wide voltage:10V-100V
- Compatible with UART /CAN protocol
- Soda-lime glass hardness value:6h
- Display brightness：450cd/㎡

PRODUCT PARAMETERS

Parameter		
Size	L*W*H	57.9*48.2*51.3mm
	A*B	27.7*32.6mm
	C	1.69"
	D	Ø22.2mm
Screen	Type	TFT color matrix
	Resolution	240*280px
Connector	Connector type	Panel connectors
	Wire length(approx.)	500mm
Core data	Rated voltage	36V/48V
	Assisted mode	4 Gear modes / 9 Digital modes
	Operating temperature	-20~50°C
	Waterproof rating	IPX7
	Weight(total)	46±5g
	Compatible protocol	UART/CAN
Premium functions	Bluetooth	Supported
	Light sensor	Yes
	USB-C charging voltage	5V
	Max. USB-C charging current	500mA
Test & Certification		CE/Rohs/EN15194/Reach

Display items	Setting items
Current speed	Display Brightness
Assistance level	Automatic switch-off time
Motor output	Unit switch
E-Bike battery charge indicator	Assistance mode switch
Single journey distance	Automatic lighting
Total distance	Reset
Average speed	Wheel size
MAX speed	-
Light indicator	-
Walk assistance	-

INTRODUCTION-Eone

This compact and ergonomic LED display nicely fits the handlebar and can be operated intuitively, which makes it particularly suitable for e-mountain bikes.

The LEDs for more safety are very easy to see even in sunlight. You can recognise the selected riding mode by the different LED colours.
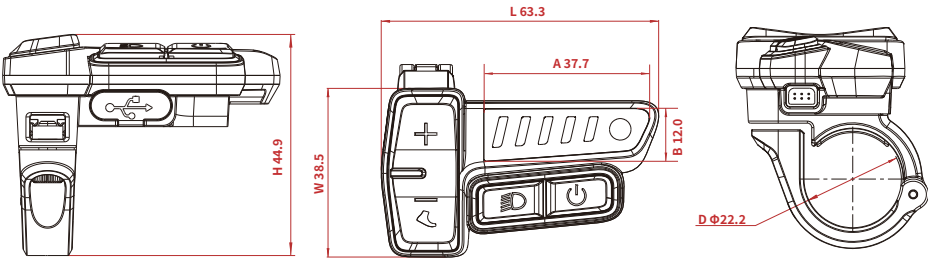
Additionally, the upgraded version of this display can also function as a remote, offering users even more flexibility and convenience.

PRODUCT ADVANTAGES

- IPX7 waterproof rating
- Panel connectors
- Compatible with UART/CAN protocol
- Soda-lime glass hardness value:6h
- Function both as a remote
  and an independent display
- LED screen

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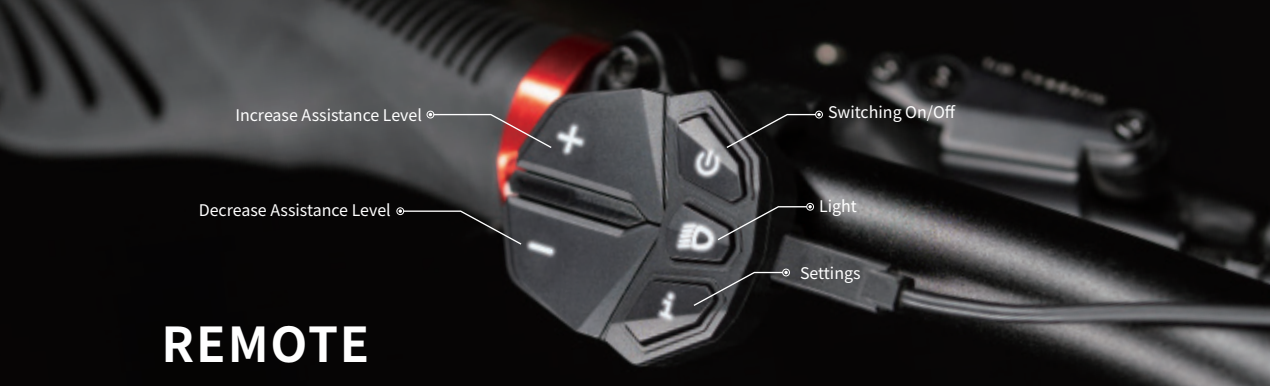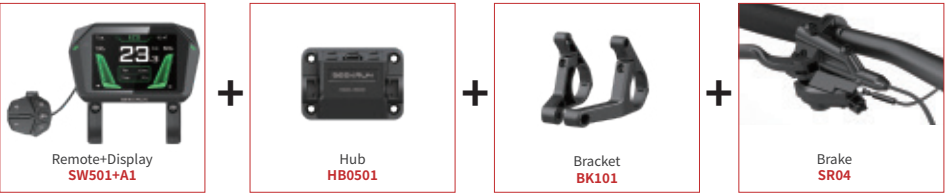H 44.9
W 38.5
B 12.0
D Φ22.2

Parameter		
Size	L*W*H	63.3*38.5*44.9mm
	A*B	37.7*12.0mm
	C	/
	D	Ø22.2mm
Screen	Type	LED
	Resolution	-
Connector	Connector type	Panel connectors
	Wire length(approx.)	500mm
Core data	Rated voltage	36V/48V
	Assisted mode	3 Gears
	Operating temperature	-20~50℃
	Waterproof rating	IPX7
	Weight(total)	37±5g
	Compatible protocol	UART/CAN
Premium functions	USB-C charging voltage	5V
	Max. USB-C charging current	500mA
Display items	E-Bike battery charge indicator	Yes
Test & Certification		CE/Rohs/EN15194/Reach

PRODUCT PARAMETERS

ACCESSORIES

HUB
Display
Bracket

KIT 01

Remote+Display
SW501+A1

+

Hub
HB0501

+

Bracket
BK101

+

Brake
SR04

REMOTE

Increase Assistance Level
Switching On/Off
Decrease Assistance Level
Light
Settings

45.0 | 30.8

44.9 | 42.6

48.1 | 43.2

SW401
SW501 (Backlight)
SW502

38.7 | 53.4

44.9 | 42.6

SW503
SW504

BRACKET

BK102

69.9 | 73.4° | 50.0

45.3

50.7

BK101
∅31.8mm

BK102
∅25.4/∅31.8mm

BK103
∅35.0mm
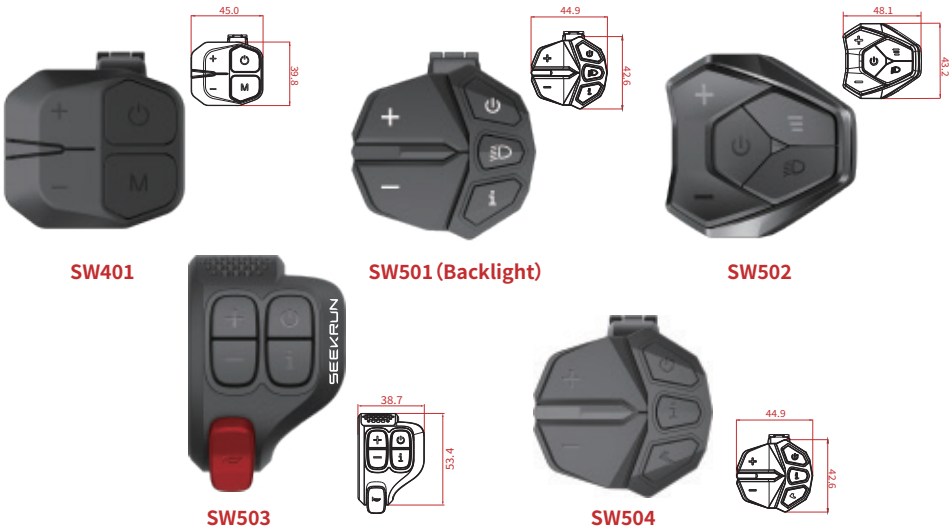
04

CERTIFICATION AND TEST

Craftsmanship of superior quality

CERTIFICATION

In addition to prioritizing R&D, SEEKRUN also ensures that our products adhere to international standards and has successfully passed various testing standards. SEEKRUN has filed over 30 patents related to displays.

EMC test report

ROHS certification

CE certification

Utility model & Appearance patent

TEST

SEEKRUN has comprehensive testing capabilities, equipped with more than 40 test apparatus to accurately simulate the complex environment and adhere to the excellent quality of products.

In addition to bench testing, SEEKRUN also established a cycling club for road testing, allowing the products to be tested in real-world scenarios.

Members of SEEKRUN also take advantage of this opportunity to fully experience our-products and constantly propose better solutions. SEEKRUN also aims to use this opportunity to raise environmental awareness and promote green travel habits.

Riding Test