

A person wearing a green jacket, black pants, and a backpack is riding a mountain bike on a grassy ridge. The background features jagged mountains under a blue sky with wispy clouds.

SEEKRUN

PRODUCTS AND FEATURES

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MODEL YEAR 2025

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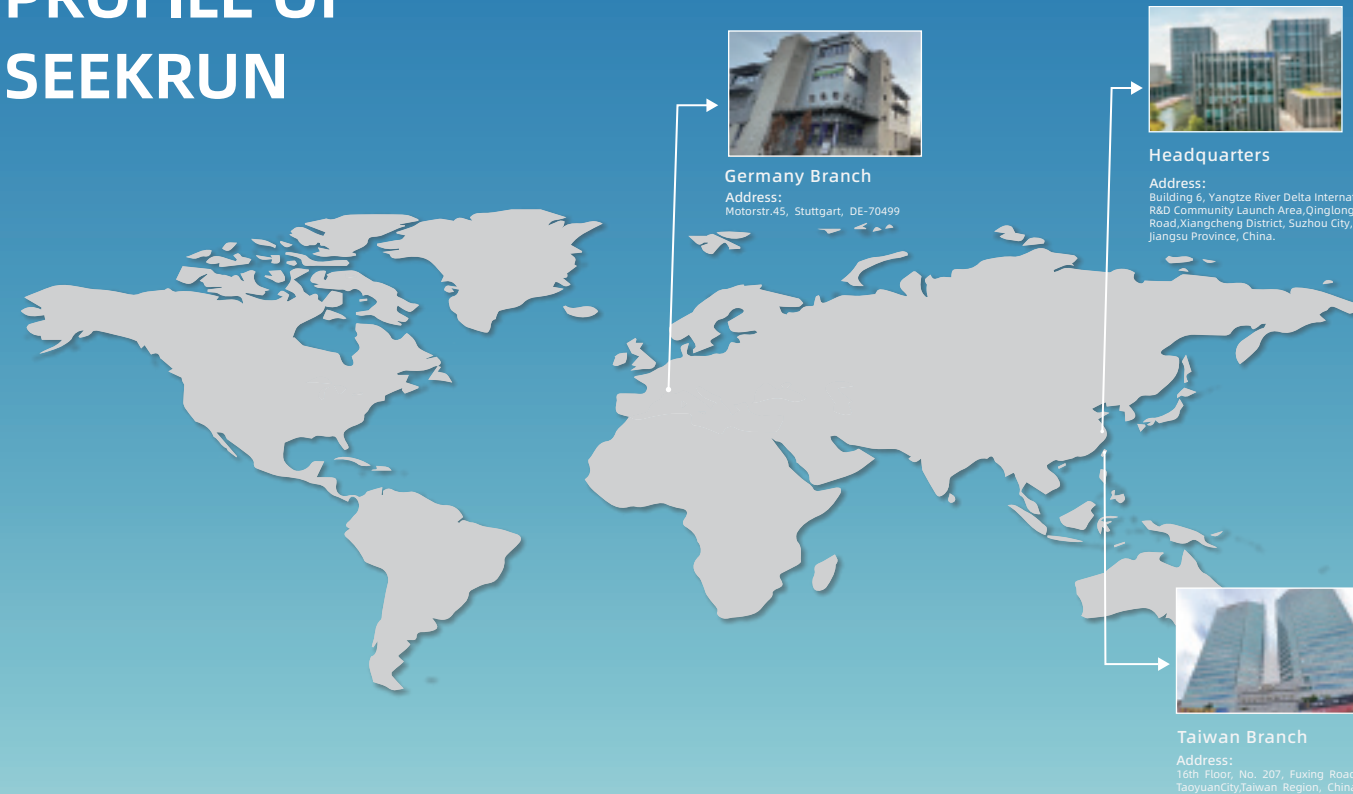
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SEEKRUN

PROFILE OF SEEKRUN



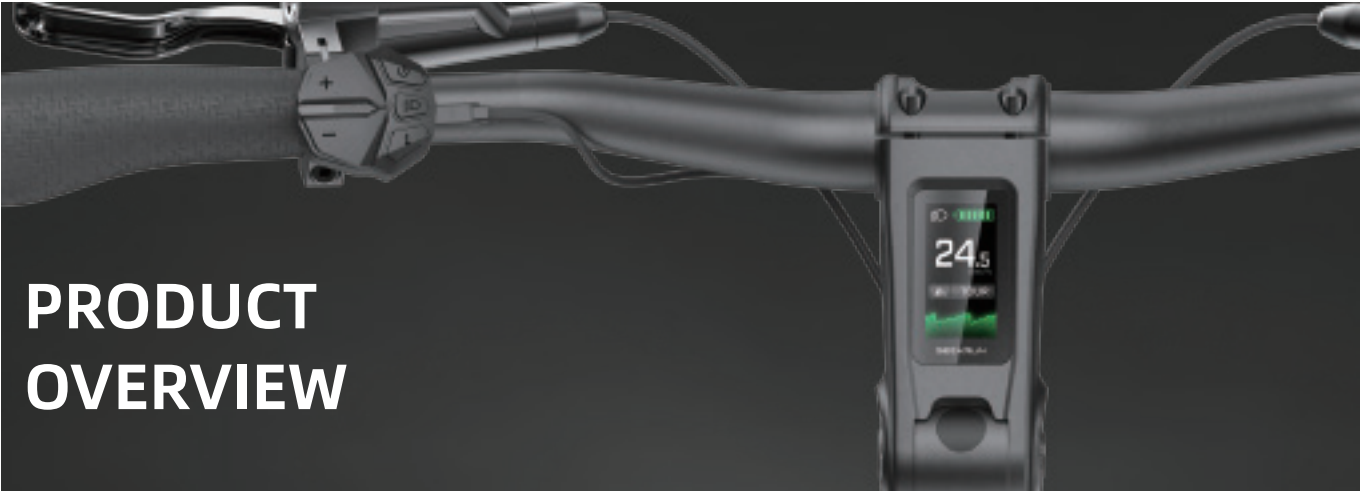
◆ THE HIGH-END SUB-BRAND OF HIGO GROUP

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.

Relying on decades of experience in this industry and a commitment to innovation, we'll focusing on creating products that are seamlessly integrated with your E-Mobility, enhancing your riding experience and fostering a harmonious partnership between humans, mobility, and the environment.



PRODUCT OVERVIEW



Mode	Q1	Y2	EONE	A1	G1	X1	M1
Highlight	Built-in display with angle-adjustable stem	Integrated and exquisite, easy to operate with the ergonomic buttons	Compact, perfectly fitting the handlebar, also function as a remote	Stylish, horizontal screen with sparkling turn signal lights	Sleek contour, 2.5D curved screen with high definition	Minimalist contour, suitable for different e-bike styles	Intuitive and clear visual, showing all the key information
Applicable Models	E-CTB E-Trekking Cargo bikes	E-MTB E-CTB	E-MTB E-Road	Fat bikes E-scooter	E-CTB E-Trekking Fat bikes Cargo bikes	E-CTB E-Trekking Fat bikes Cargo bikes	E-CTB E-Trekking Fat bikes Cargo bikes
Display	1.91" TFT colour	1.69" TFT colour	LED	3.5" TFT colour	3.5" TFT colour	3.5" TFT colour	3.2" LCD-VA
Mounting	Embedded	Left side	Left side	Central	Central	Central	Central
Operation	Wired remote	Directly via the integrated buttons	Directly via the integrated buttons	Wired remote	Wired remote	Wired remote	Wired remote
Waterproof rating	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7	IPX7
Compatible protocol	UART/CAN	UART/CAN	UART/CAN	UART/CAN	UART/CAN	UART/CAN	UART/CAN
Bluetooth	×	Optional	×	Optional	Optional	Optional	Optional
APP	×	Optional	×	Optional	Optional	Optional	Optional
Type-C charging port	√	√	√	√	√	√	√

DISPLAY-Q1

Integrated into the adjustable stem, cables hidden



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

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

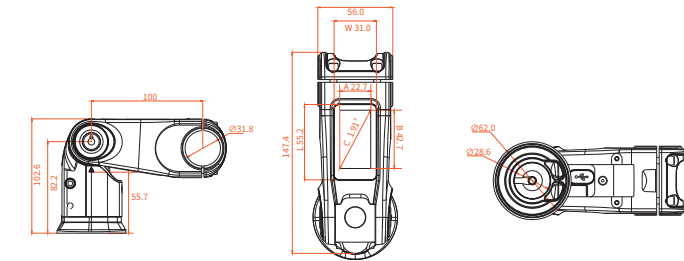
In combination with our self-developed angle-adjustable stem, you can adjust it to the optimum angle for good readability and a comfortable ride.

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°C
	Waterproof rating	IPX7
	Weight(total)	709±5g
	Compatible protocol	UART/CAN
	USB-C charging voltage	5V
Premium functions	Max. USB-C charging current	500mA
	Test & Certification	CE/Rohs/EN15194/Reach

PRODUCT ADVANTAGES

- Integrated stem & screen, internal cable routing, making your handlebar simpler and cleaner.
- 1.91" TFT screen in an appropriate size, more durable, less damage.
- IPX7 waterproof rating, long-lasting healthy working condition.
- Forged 0-60°adjustable stem, strong and easy for the rider to find a comfortable riding position.
- Tapered stem better fitting the tapered frame top tube and wider down tube.
- Display screen easy to install and replace.

DIMENSION(UNIT:MM)



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	-



DISPLAY-Y2

Integrated with the ergonomic button,
small but clear



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.

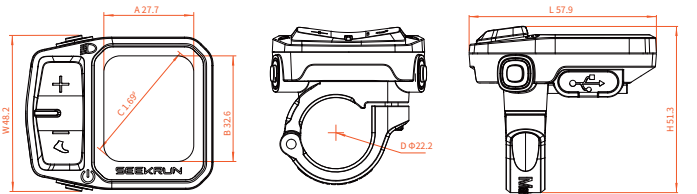
Parameter		
Size	L*W*H	57.9*48.2*51.3mm
	A*B	27.7*32.6mm
	C	1.69"
	D	Ø22.2mm
Screen	Type	TFT color matrix
	Resolution	240*280px
Connector	Connector type	Panel connectors
	Wire length(approx.)	500mm
Core data	Rated voltage	36V/48V
	Assisted mode	4 Gear modes / 9 Digital modes
	Operating temperature	-20~50°C
	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



◆ PRODUCT ADVANTAGES

- Colorful and customized visuals
- Sensitive feedback with a clear touch
- Left/Right-mounted up to you
- High definition and hardness glass
- High brightness regardless of sunshine

◆ DIMENSION(UNIT:MM)



DISPLAY-EONE

Not only a remote but also a display



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.

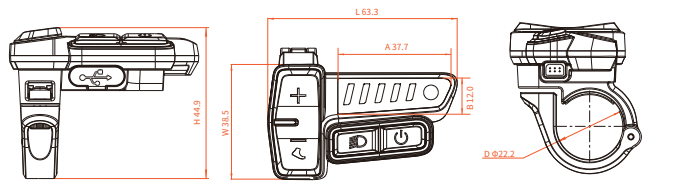
Additionally, the upgraded version of this display can also function as a remote, offering users even more flexibility and convenience.

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°C
	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 ADVANTAGES

- Simple and intuitive battery indicator
- Sensitive feedback with a clear touch
- Close-fitting to the handlebar
- High definition and hardness glass
- High brightness regardless of sunshine

◆ DIMENSION(UNIT:MM)



DISPLAY-A1

3.5inch horizontal



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.

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
	Bluetooth	Supported
Premium functions	Navigation	Supported
	Light sensor	Yes
	USB-C charging voltage	5V
	Max. USB-C charging current	500mA
	Test & Certification	CE/Rohs/EN15194/Reach



Fat bikes

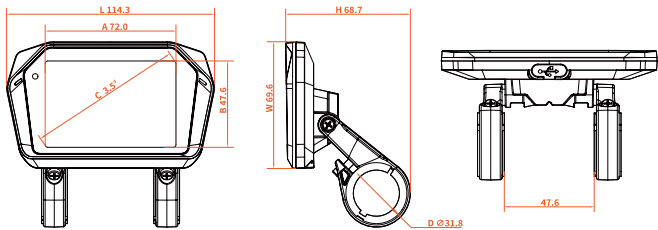


E-scooter

◆ PRODUCT ADVANTAGES

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

◆ DIMENSION(UNIT:MM)



DISPLAY-G1

3.5inch color matrix



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.

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
	Bluetooth	Supported
Premium functions	Light sensor	Yes
	Test & Certification	CE/Rohs/EN15194/Reach



E-CTB



E-Trekking



Cargo bikes

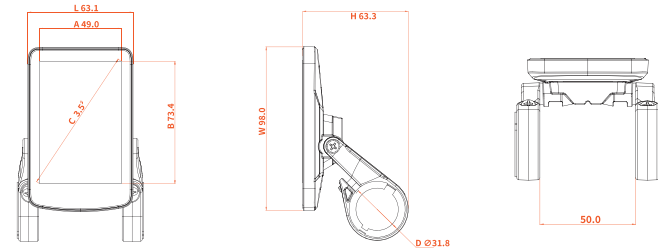


Fat bikes

◆ PRODUCT ADVANTAGES

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

◆ DIMENSION(UNIT:MM)



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		-	

DISPLAY-X1

3.5inch color matrix



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.



E-CTB



E-Trekking



Cargo bikes

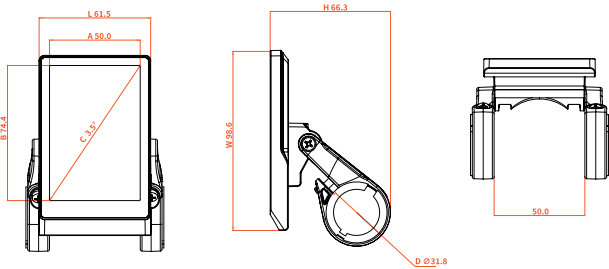


Fat bikes

◆ PRODUCT ADVANTAGES

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

◆ DIMENSION(UNIT:MM)



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°C
	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		-

DISPLAY-M1

3.2inch segmented



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.



E-CTB



E-Trekking



Cargo bikes

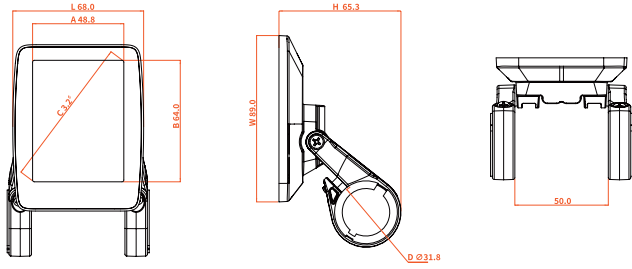


Fat bikes

◆ PRODUCT ADVANTAGES

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

◆ DIMENSION(UNIT:MM)



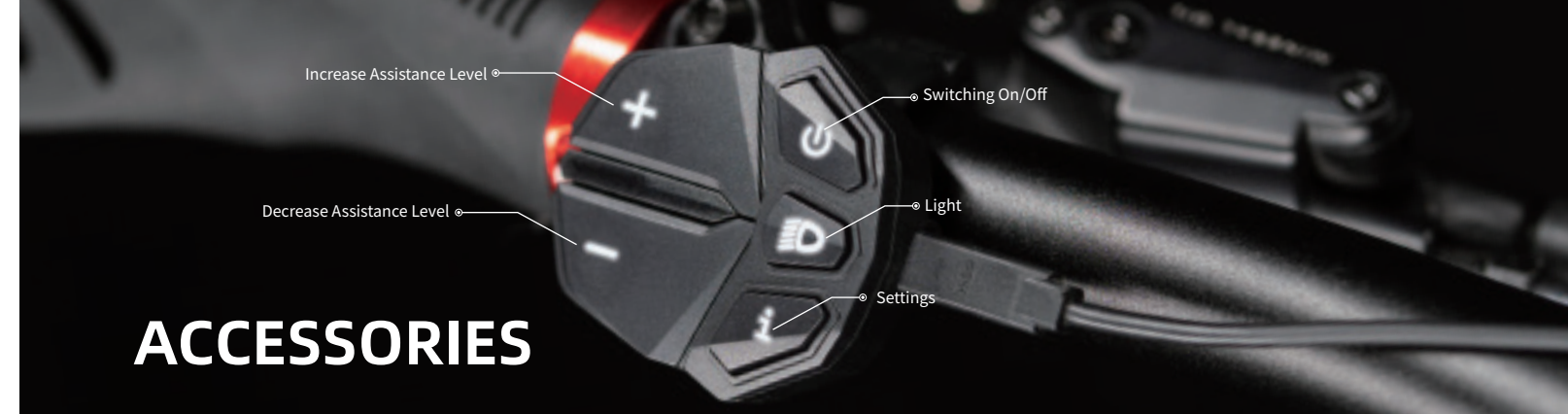
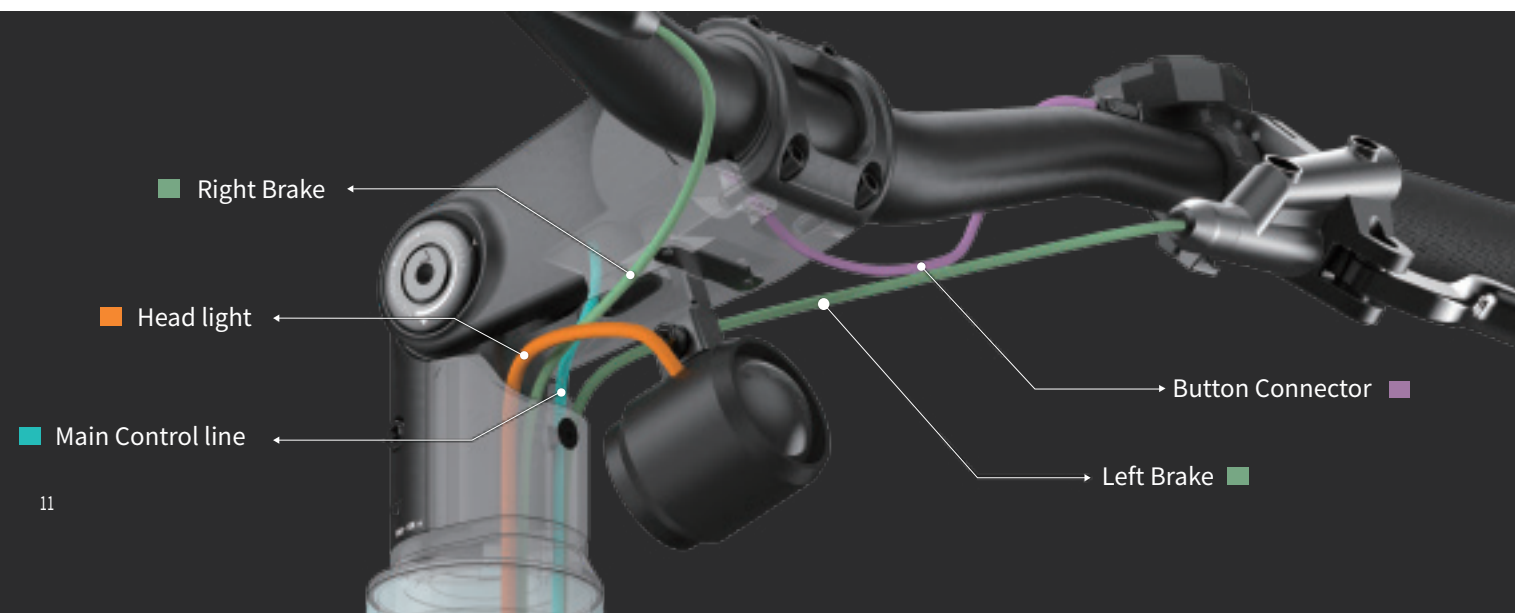
Parameter		
Size	L*W*H	68.0*89.0*65.3mm
	A*B	48.8*64.0mm
	C	3.2 "
	D	Ø22.2/Ø25.4/Ø31.8/Ø35.0mm
Screen	Type	Segment
	Resolution	—
Connector	Connector type	Panel connectors
	Wire length(approx.)	300/250mm
Core data	Rated voltage	36V/48V
	Assisted mode	5 Digital modes
	Operating temperature	-20~50°C
	Waterproof 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		-

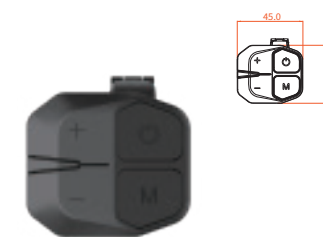


INTERNAL WIRE HARNESS

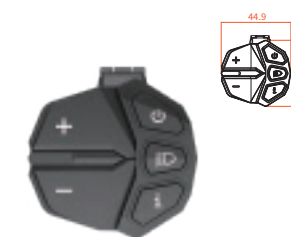
- ◆ Integrated stem & screen, internal cable routing, making your handlebar simpler and cleaner.
- ◆ Forged 0-60°adjustable stem, strong and easy for the rider to find a comfortable riding position.
- ◆ Display screen easy to install and replace.



◆ REMOTE



SW401

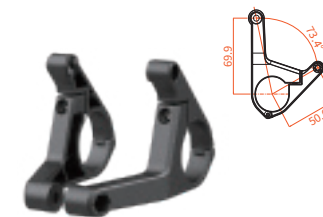


SW501 (Backlight)



SW502

◆ BRACKET



BK101
Ø31.8mm

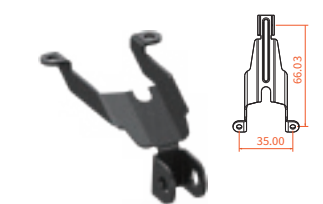


BK102
Ø22.2/Ø25.4/Ø31.8mm

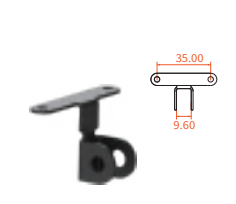


BK103
Ø35.0mm

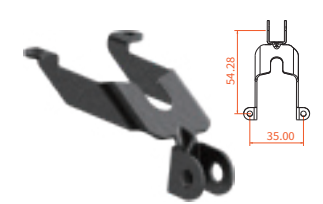
◆ LIGHT BRACKET



BK104



BK105



BK106

CERTIFICATION

- ◆ SEEKRUN is equipped with more than 40 test equipment to accurately simulate the complex environment and adhere to the excellent quality of products.
- ◆ The product warranty period is for 24 months.



EMC test report



ROHS certification



CE certification



MANUFACTURING

- ◆ SEEKRUN owns independent manufacturing workshop with over 30 workers, that ensures the process flow and production capacity under control.
- ◆ Our workshop located in the Higo smart manufacturing factory, so we can take advantages of our self-developed automation equipment to continuously improve the production efficiency.
- ◆ Production capacity is 1600pcs everyday.



Linear cam pin device



Linear pin device



Gluing ferrule equipment

AFTER-SALES SERVICE

- ◆ We always prepare the spare parts of displays and accessories in our office in Germany for the prompt after-sales service.

