

eBike Display  
**Product  
Catalogue**

**2024**



**SCIWIL**

Changzhou Sciwil E-Mobility Technology Co., Ltd.

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Left-side Mounted Color Display Series



Central Mounted Color TFT Display Series (Portrait)



Central Mounted Color VA Display Series



Central Mounted Color VA Display Series



Central Mounted Color TFT Display Series (Landscape)



Integrated TFT Display Series

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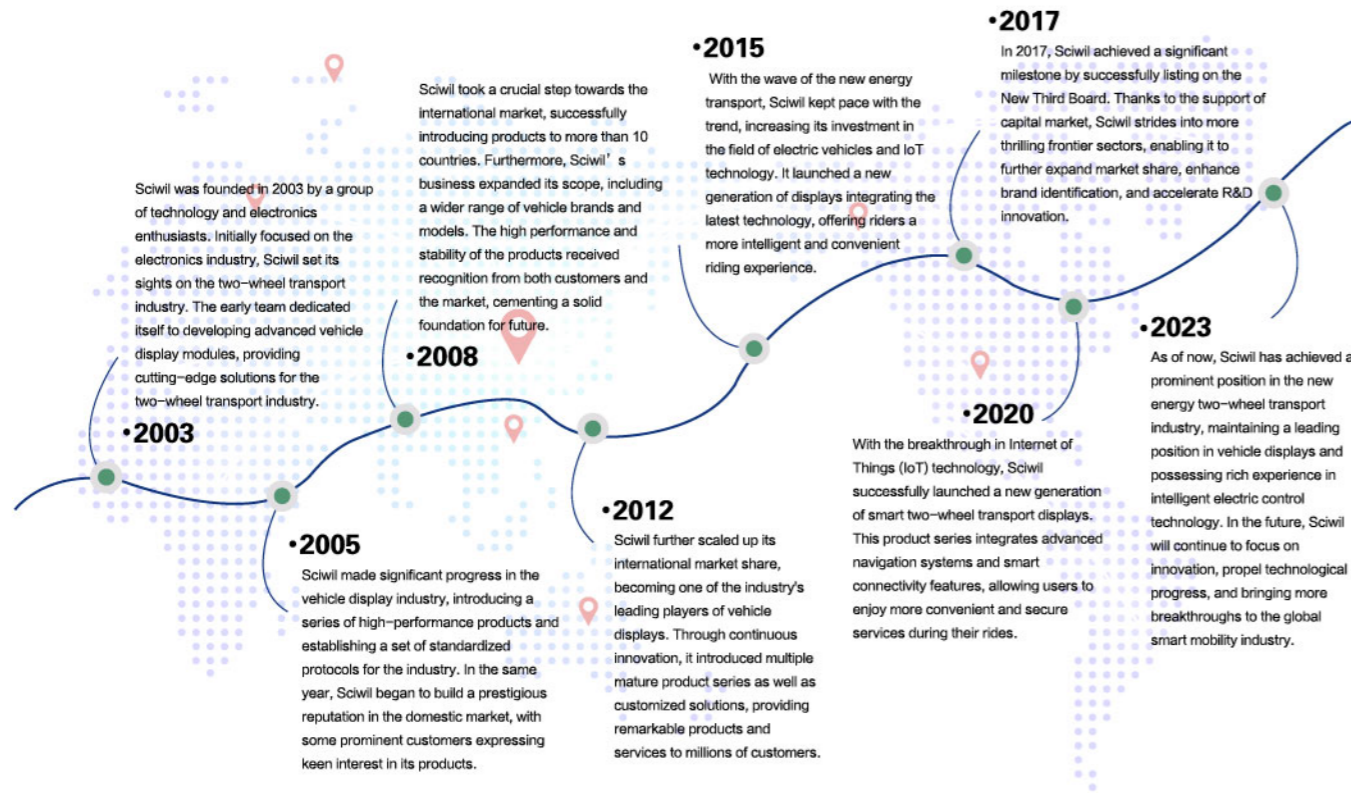
LED Display

26

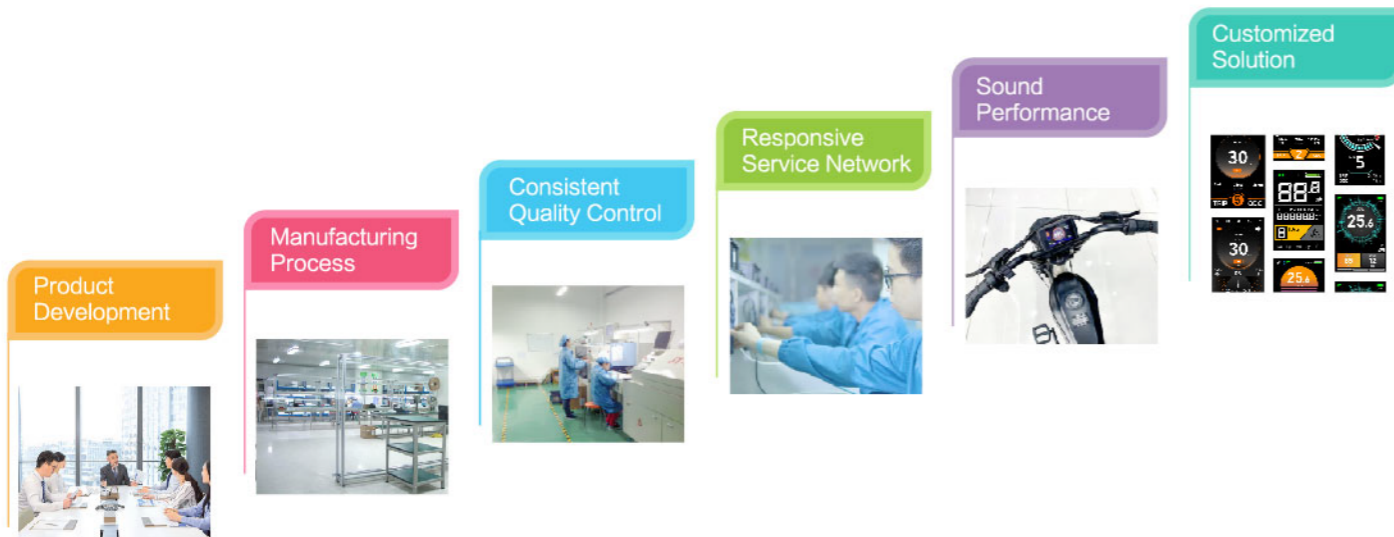
Recommendations

# ABOUT SCIWIL

## Our History



## Our Competency



**10 Yrs**  
Expertise

**200+**  
Total Staff

**36%**  
R&D Engineer

Sciwil is a vibrant technology company focused on e-mobility display & controlling systems and components. Headquartered in Changzhou, Jiangsu, Sciwil has built rich experienced in development, manufacturing and sales of both hardware and software since 2003. The company has been providing intelligent displays for new energy vehicles, e-bikes as well as electric scooters and motorcycles.

As a leading supplier in e-mobility industry, Sciwil carries rigid quality standards under the TS16949 system throughout procurement, production, inspection and sales procedures. Thanks to our long-term cooperation with hundreds of prominent brands in industry, Sciwil has broken the record of 10,000,000+ units of vehicle-mounting display in recent years. Sciwil has been building bridges between end customers and cutting-edge electronics and digital technologies, bringing easy-to-use and quality experiences for everyone.

With a team of over 200 employees and still growing, Sciwil aims to create robust, comfortable and value-added working environment. The company shares a vision to infuse innovation and sustainability to future green mobility.



# SMART E-BIKE IOT SYSTEM



Anyride is an all-round app to connect your vehicles and turn them into smart intuitive transport. Working both as a console and a control center, Anyride shows riding range, battery status, service and navigation info all at a glance, and realize intelligent management of your vehicle. It's time to connect your vehicle for better riding experience!

## CONNECT YOUR VEHICLE

Simply connect your vehicle with Anyride via Bluetooth, or scan the QR code. You will receive an OTA upgrade alert on your phone when there's an upgrade available. Stay connected!

## NAVIGATION

Anyride provides accurate GPS and navigation service, as well as records your riding route for handy lookup and resume.

## VEHICLE MANAGEMENT

As a control center of your vehicle, you can set system unit, front light on/off, backlight brightness, speed limit (when supported), riding mode/PAS level etc for your vehicle.

## RIDING INFO

On the Home screen, you can have a fast check of everything you need to know at a glance: vehicle photo and model, battery status, current speed, current mode/PAS level, light status, riding range and time, etc.

## VEHICLE CHECKUP

Before start, you may launch your Anyride App to have an overall checkup for your vehicle. In case of any failure reported, you may send a quick feedback to your dealer or service store.

## LANGUAGE SUPPORT

Anyride supports multiple languages based on your system language.



IOS

Android

# SCIWIL

## Product Category

### TFT Display

- SW-M81
- SW-M80
- SW-M61
- SW-K60
- SW-G31
- SW-Q60
- SW-R20

### VA Display

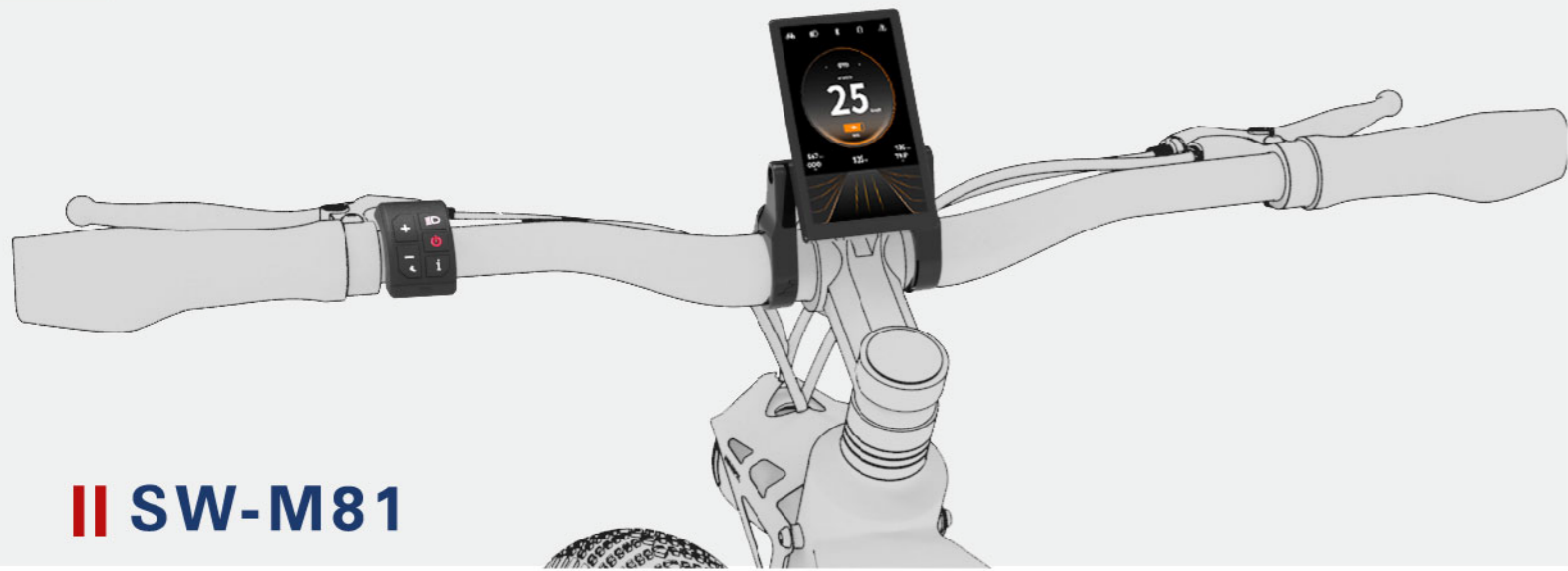
- SW-M808X
- SW-M818
- SW-M58
- SW-900VA
- SW-G518
- SW-EN08
- EN06
- GZ3

### LCD Display

- M5
- S830
- SW900
- G51

### LED Display

- S810
- G20



## SW-M81

### Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,

Assist Modes, Power Output, Error Code, Light Sensor, Settings, USB Charge Port

### Optional

- Sciwil Boot Logo/Animation
- Real-Time Cruise
- Bluetooth
- Multi-Lingual
- Turning Signal
- Signal/Dual Drive
- NFC Function
- Dual Batteries
- Customized Layout

### Main Specs

Model : SW-M81

Type : 4.0" TFT Color Screen

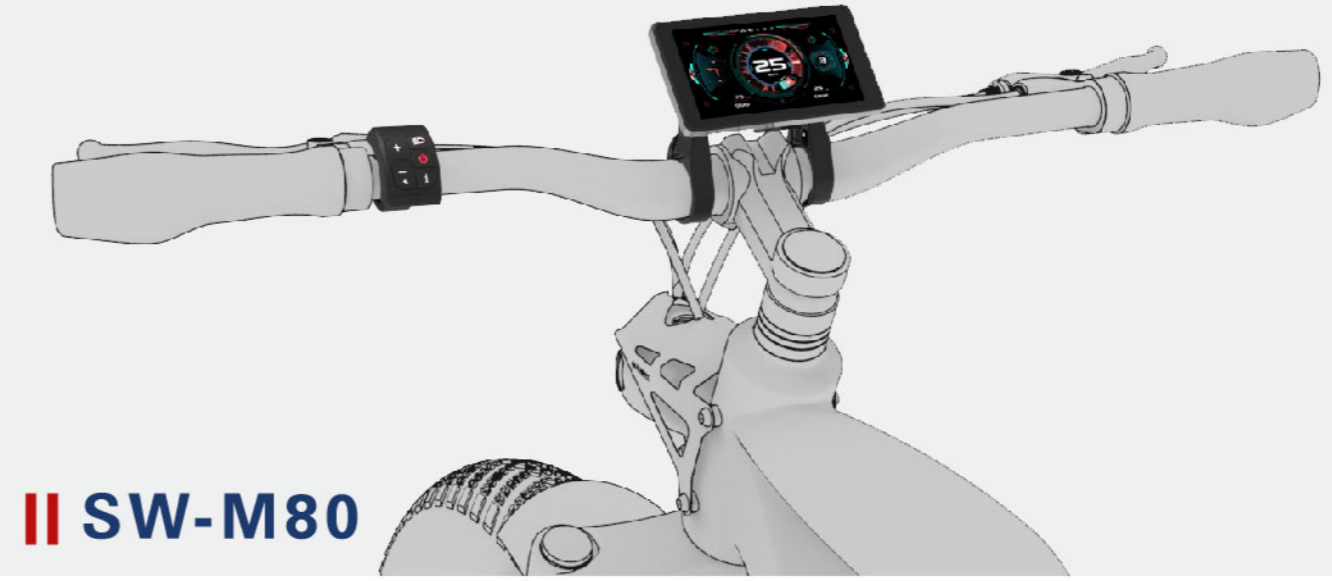
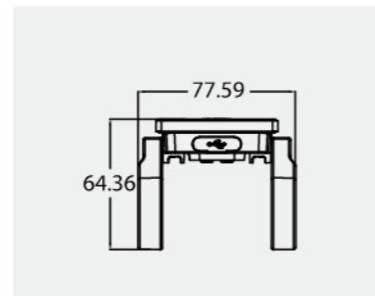
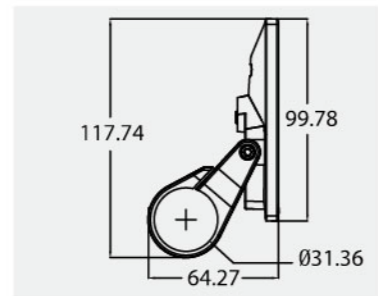
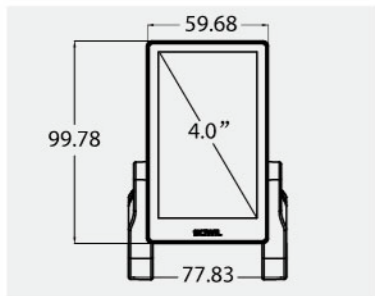
Size : 99.78mm\*59.68mm\*64.36mm

Working Voltage : 24V-72V

Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0

Protection Ratings : IP67

Certification : CE, ROHS, EN13849



## SW-M80

### Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,

Assist Modes, Power Output, Error Code, Light Sensor, Settings, USB Charge Port

### Optional

- Sciwil Boot Logo/Animation
- Real-Time Cruise
- Bluetooth
- Multi-Lingual
- Turning Signal
- Signal/Dual Drive
- NFC Function
- Dual Batteries
- Customized Layout

### Main Specs

Model : SW-M80

Type : 4.0" TFT Color Screen

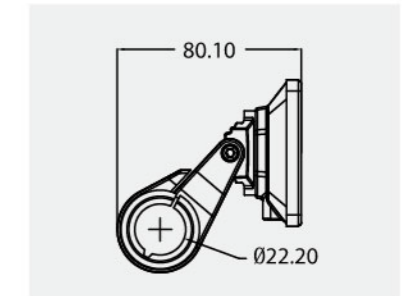
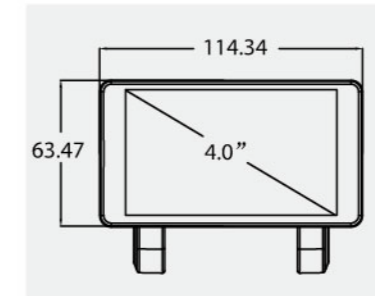
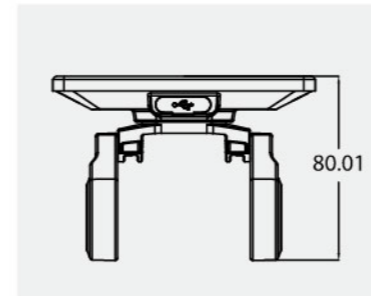
Size : 114.34mm\*63.47mm\*80.10mm

Working Voltage : 24V-72V

Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0

Protection Ratings : IP67

Certification : CE, ROHS, EN13849





## SW-M61

### Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,

Assist Modes, Power Output, Error Code, Light Sensor, Settings, USB Charge Port

### Optional

- SCIWIL Boot Logo/Animation
- Real-Time Cruise
- Bluetooth
- Multi-Lingual
- Turning Signal
- Signal/Dual Drive
- NFC Function
- Dual Batteries
- Customized Layout

### Main Specs

Model : SW-M61

Type : 3.5" TFT Color Screen

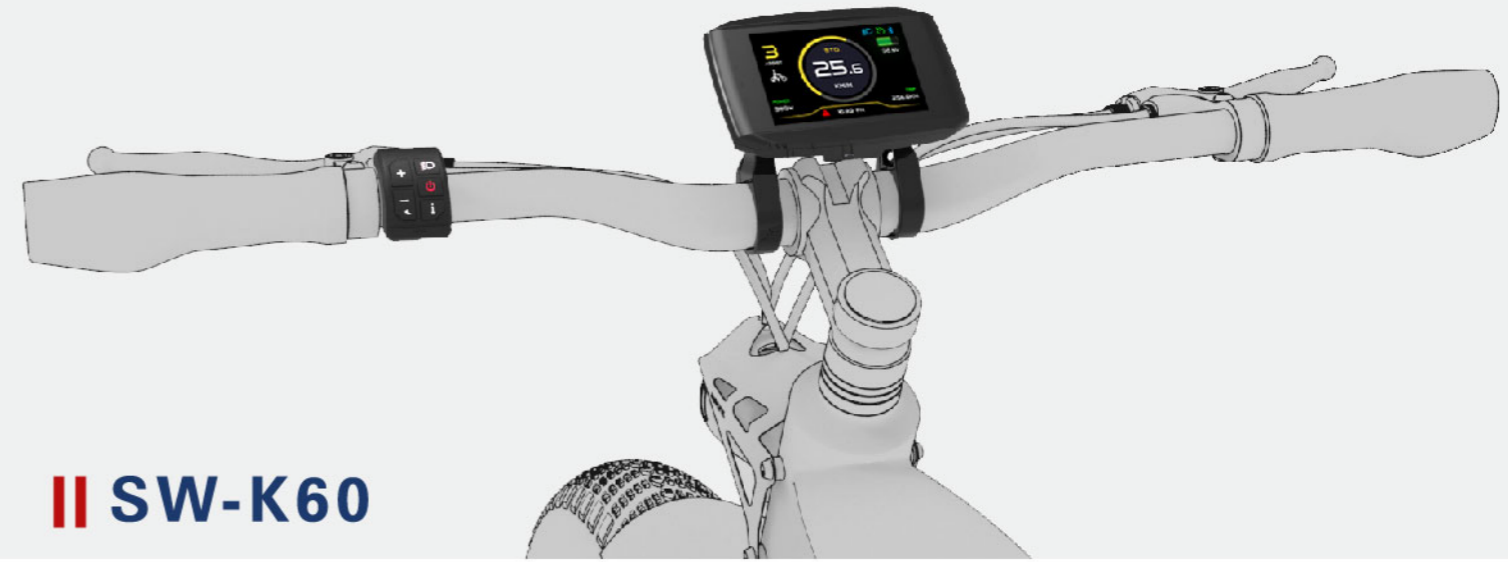
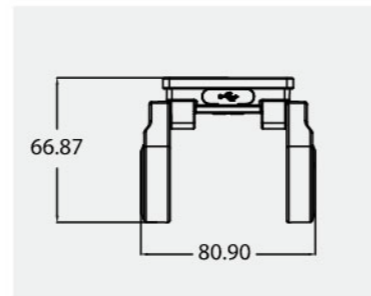
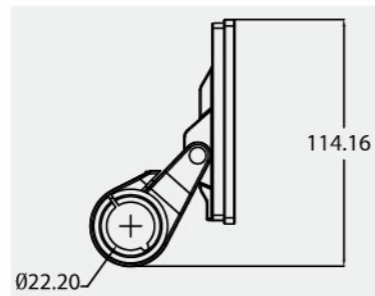
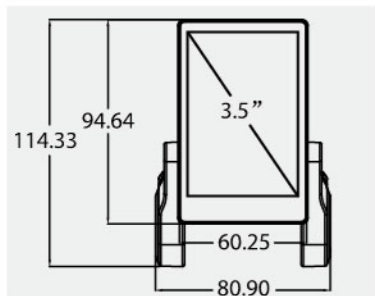
Size : 94.64mm\*60.25mm\*66.87mm

Working Voltage : 24V-72V

Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0

Protection Ratings : IP65

Certification : CE, ROHS, EN13849



## SW-K60

### Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,

Assist Modes, Power Output, Error Code, Light Sensor, Settings, USB Charge Port

### Optional

- SCIWIL Boot Logo/Animation
- Real-Time Cruise
- Bluetooth
- Multi-Lingual
- Turning Signal
- Signal/Dual Drive
- NFC Function
- Dual Batteries
- Customized Layout

### Main Specs

Model : SW-K60

Type : 3.5" TFT Color Screen

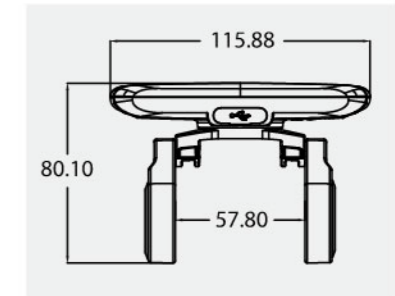
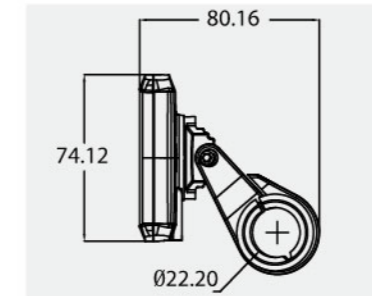
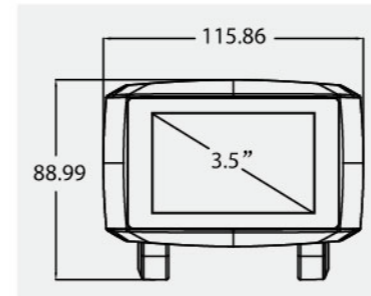
Size : 115.86mm\*74.12mm\*80.10mm

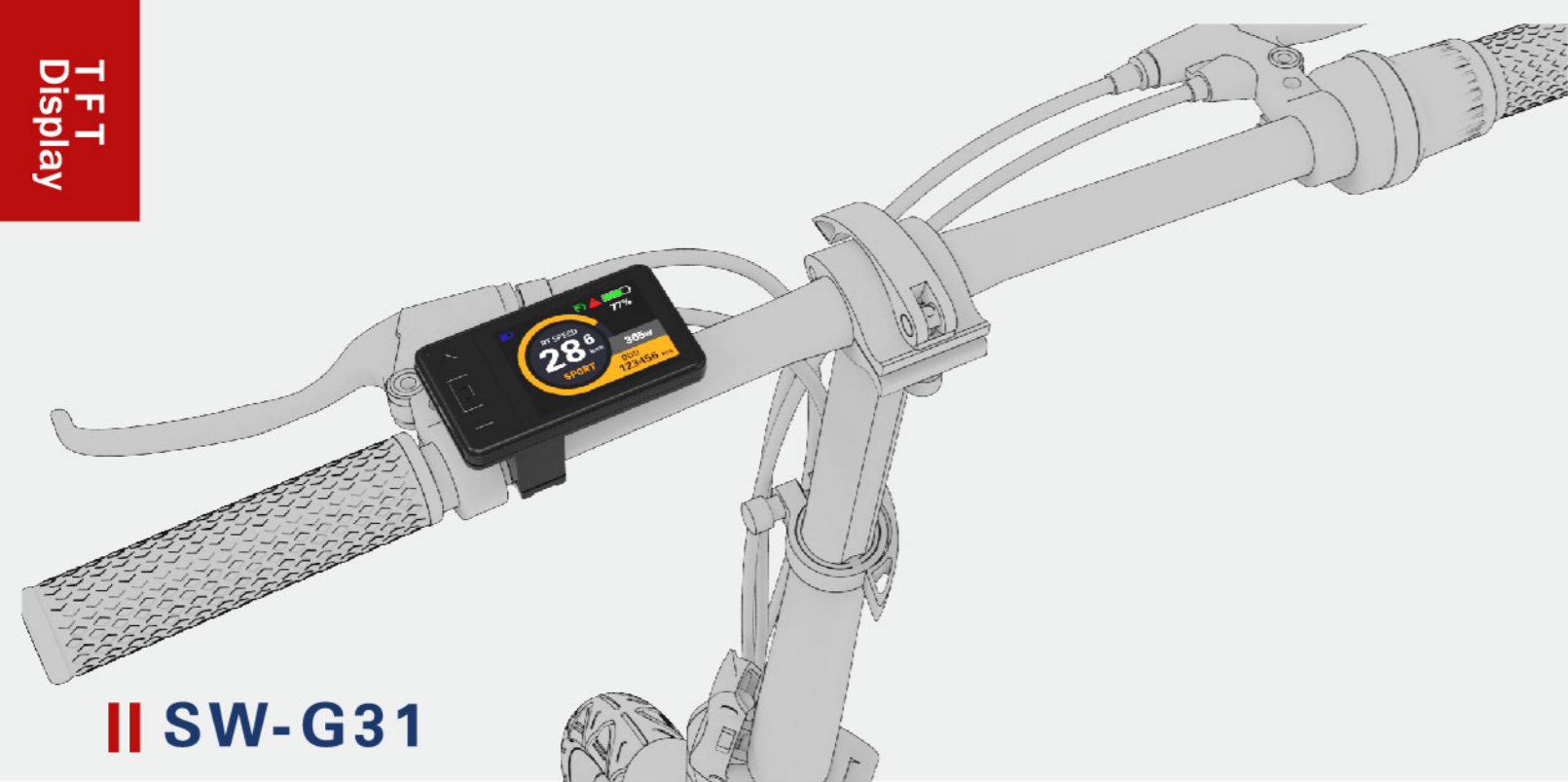
Working Voltage : 24V-72V

Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0

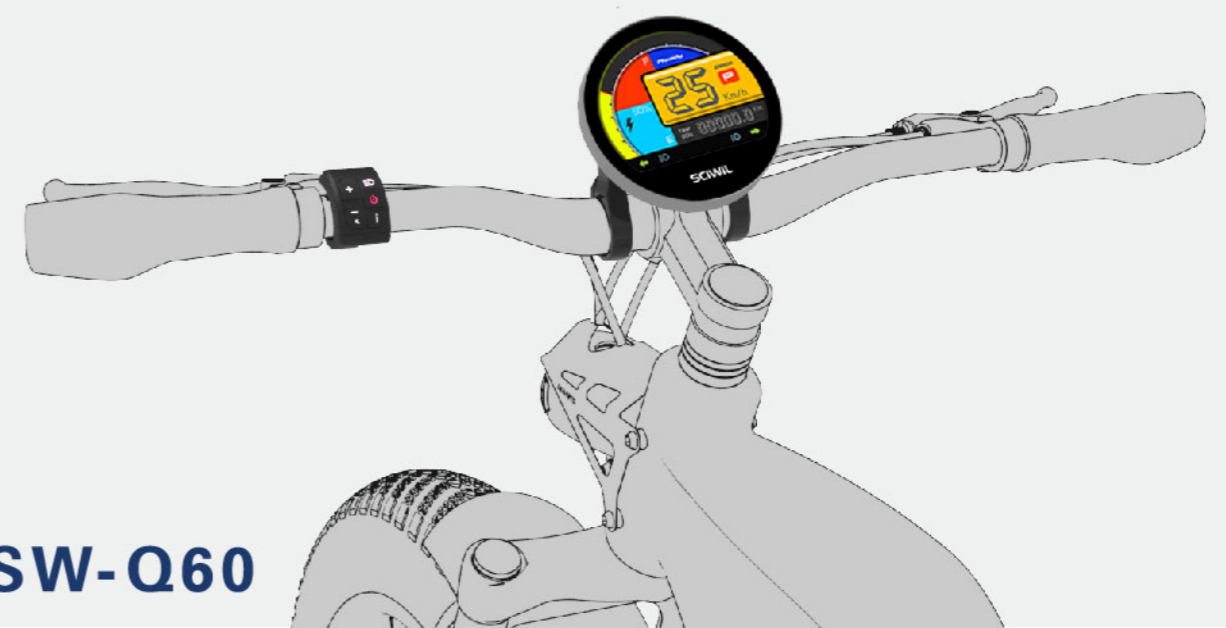
Protection Ratings : IP65

Certification : CE, ROHS, EN13849





|| SW-G31



|| SW-Q60

### Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,  
Assist Modes, Power Output, Error Code, Settings, USB Charge Port

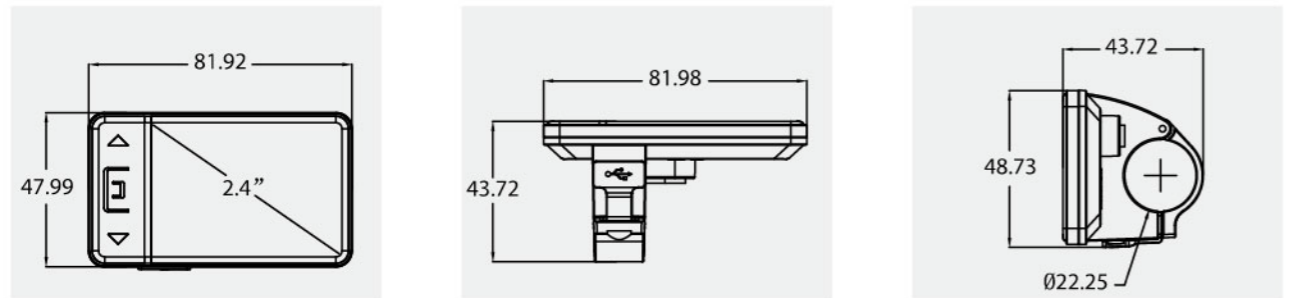
### Optional

- SCIWIL Boot Logo/Animation
- Real-Time Cruise
- Bluetooth
- Multi-Lingual
- Turning Signal
- Signal/Dual Drive
- NFC Function
- Dual Batteries
- Customized Layout



### Main Specs

Model : SW-G31  
 Type : 2.4" TFT Color Screen  
 Size : 81.92mm\*47.99mm\*43.72mm  
 Working Voltage : 24V-60V  
 Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0  
 Protection Ratings : IP65  
 Certification : CE, ROHS, EN13849



### Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,  
Assist Modes, Power Output, Error Code, Light Sensor, Settings, USB Charge Port

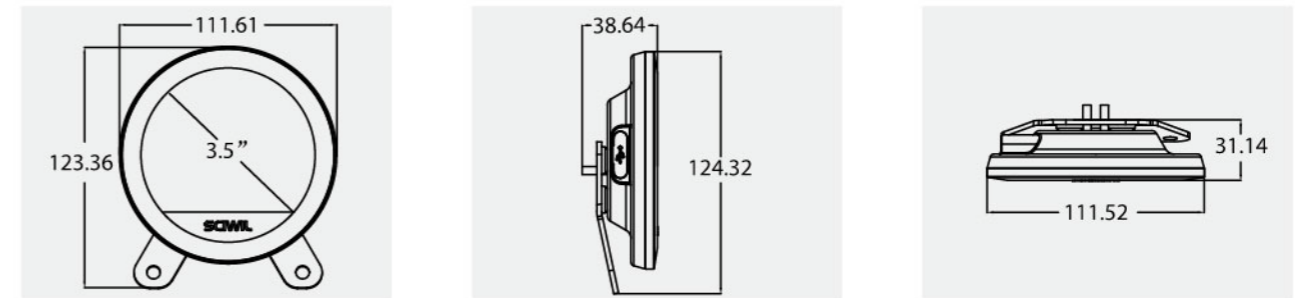
### Optional

- SCIWIL Boot Logo/Animation
- Real-Time Cruise
- Bluetooth
- Multi-Lingual
- Turning Signal
- Signal/Dual Drive
- NFC Function
- Dual Batteries
- Customized Layout



### Main Specs

Model : SW-Q60  
 Type : 3.5" TFT Color Screen  
 Size : 123.36mm\*111.61mm\*38.64mm  
 Working Voltage : 24V-72V  
 Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0  
 Protection Ratings : IP65  
 Certification : CE, ROHS, EN13849





## SW-R20

### Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,

Assist Modes, Power Output, Error Code, Light Sensor, Settings

### Optional

- SCIWIL Boot Logo/Animation
- Real-Time Cruise
- Bluetooth
- Multi-Lingual
- Turning Signal
- Signal/Dual Drive
- NFC Function
- Dual Batteries
- Customized Layout

### Main Specs

Model : SW-R20

Type : 2.0" TFT Color Screen

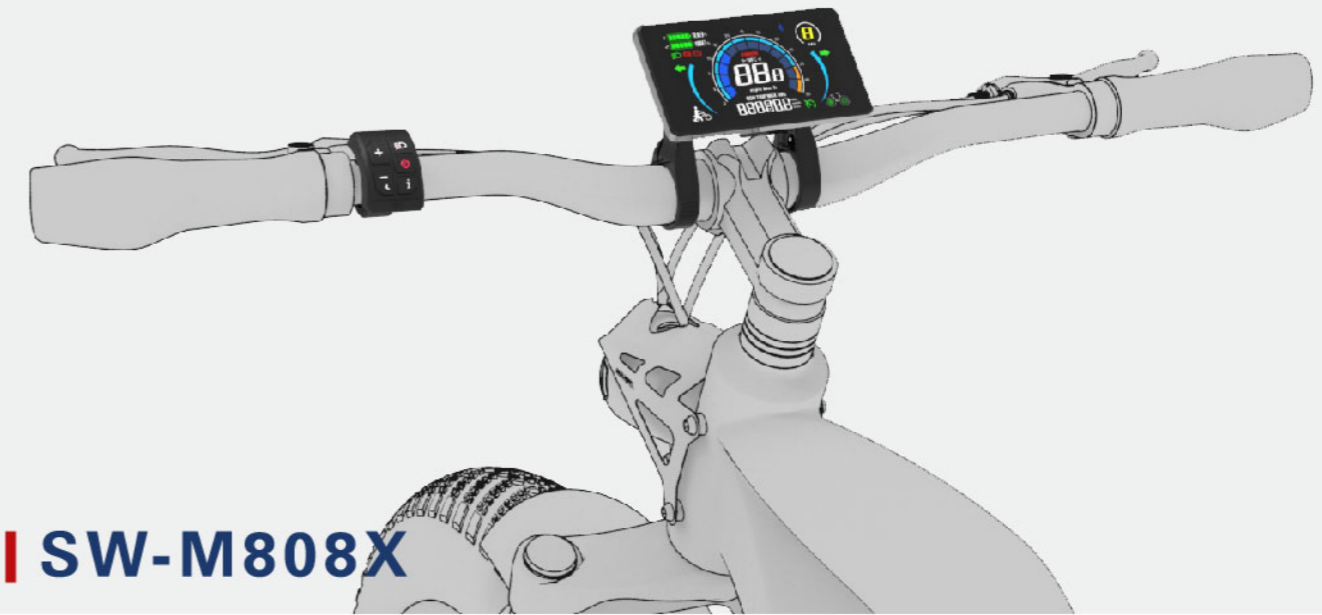
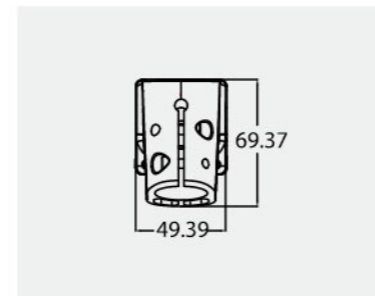
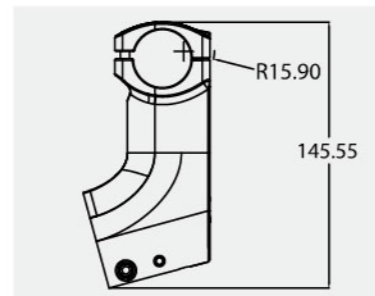
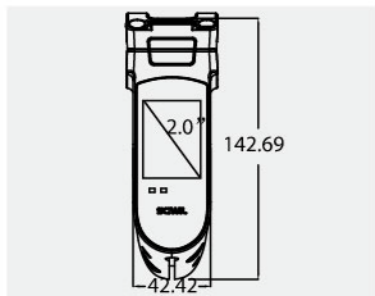
Size : 142.69mm\*42.42mm\*69.37mm

Working Voltage : 24V-48V

Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0

Protection Ratings : IP65

Certification : CE, ROHS, EN13849



## SW-M808X

### Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,

Assist Modes, Power Output, Error Code, Light Sensor, Settings, USB Charge Port

### Optional

- SCIWIL Boot Logo/Animation
- Turning Signal
- Bluetooth
- NFC Function
- Dual Batteries
- Signal/Dual Drive

### Main Specs

Model : SW-M808X

Type : 4.0" VA Color Screen

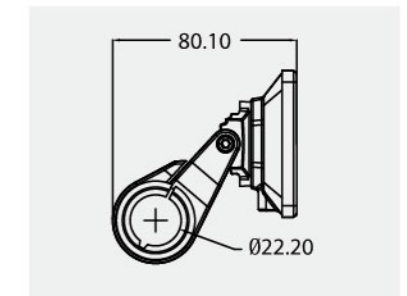
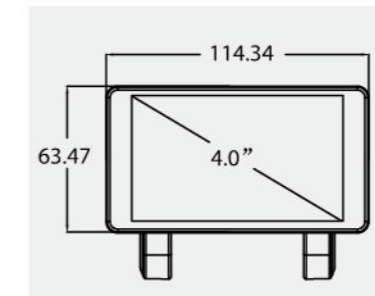
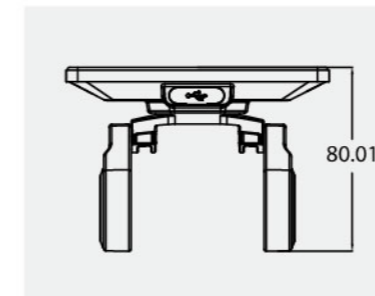
Size : 114.34mm\*63.47mm\*80.10mm

Working Voltage : 24V-72V

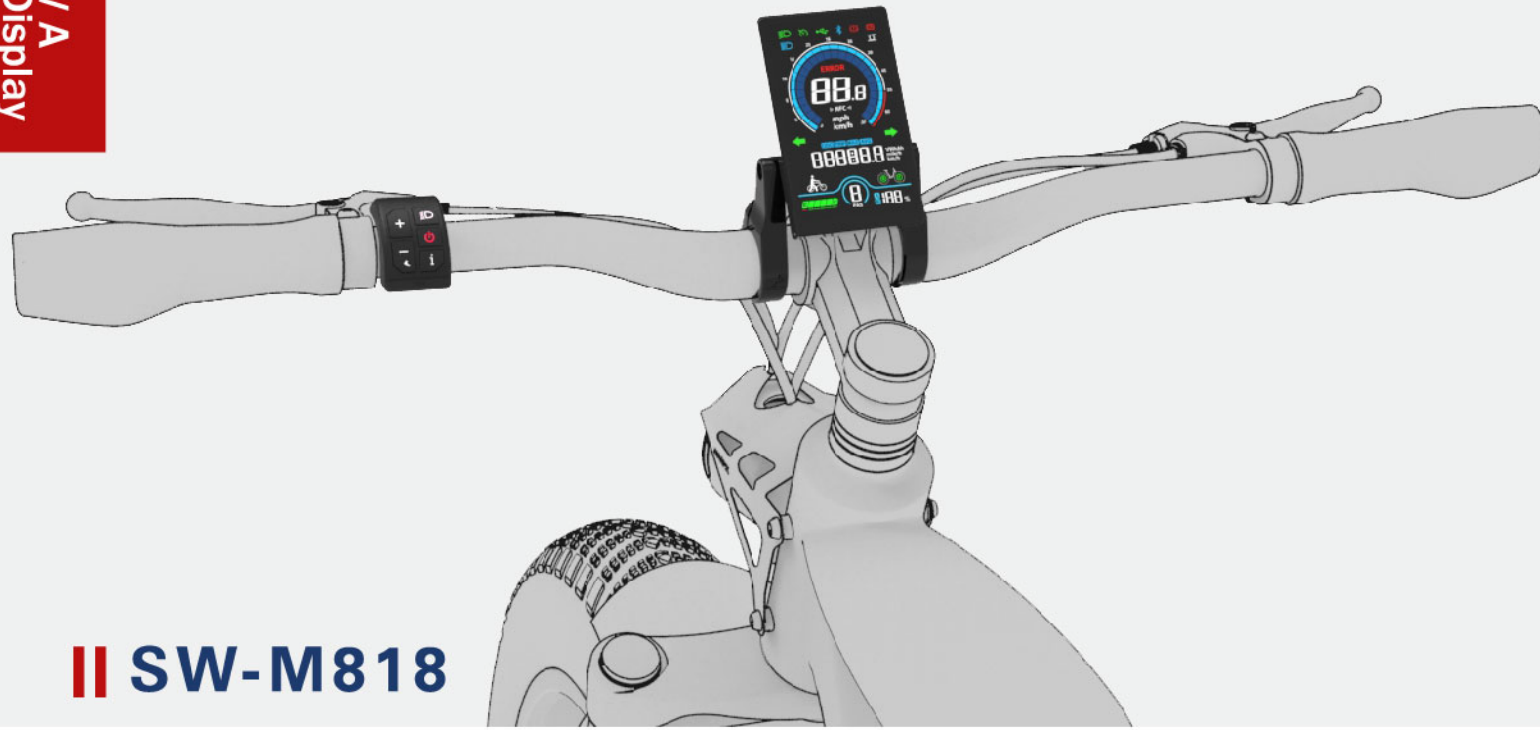
Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0

Protection Ratings : IP67

Certification : CE, ROHS, EN13849







SW-M818

Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,

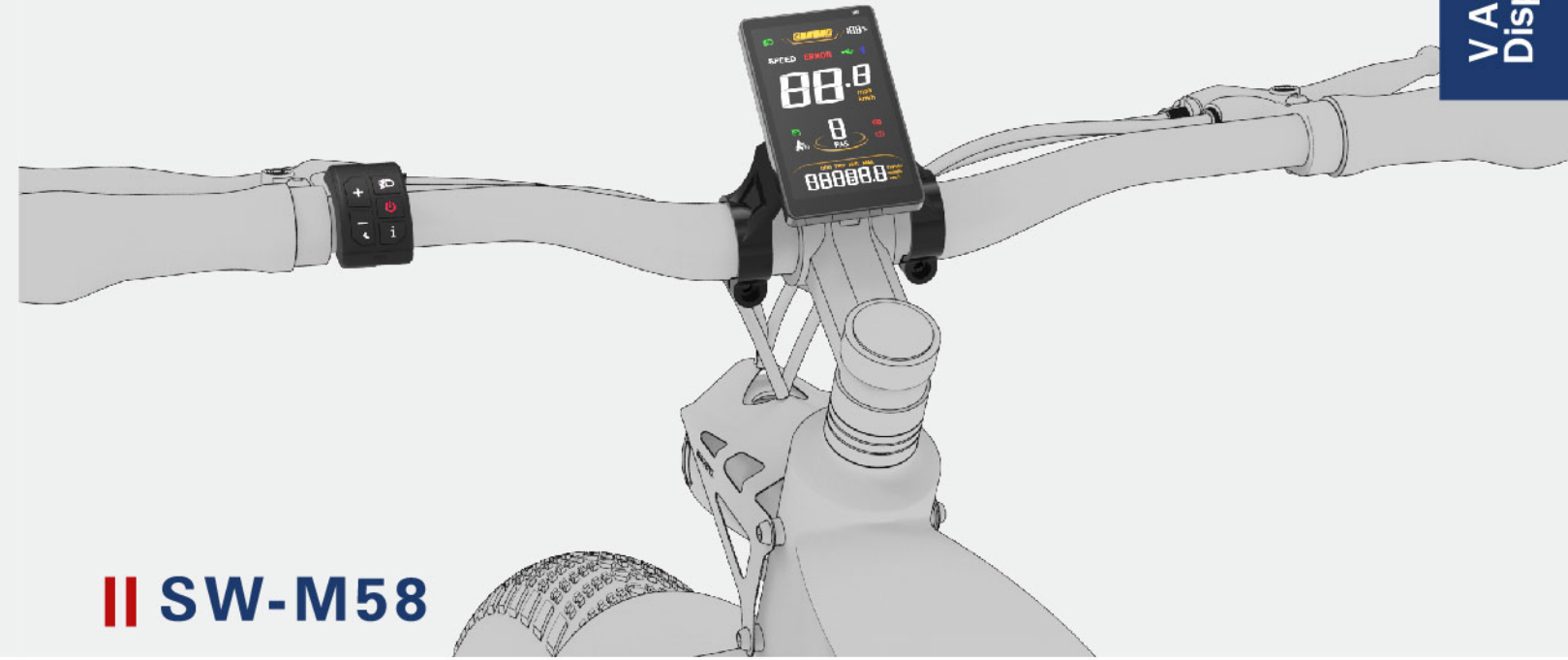
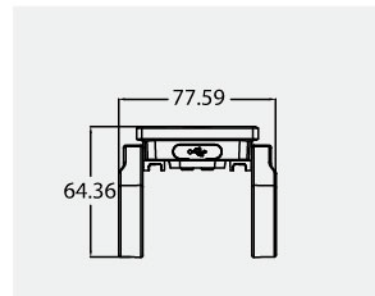
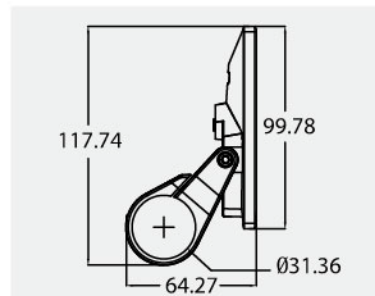
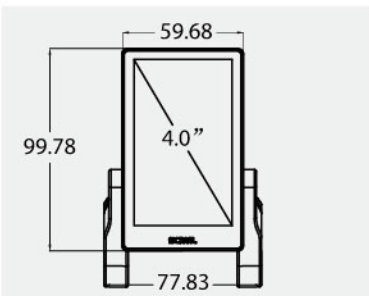
Assist Modes, Power Output, Error Code, Light Sensor, Settings, USB Charge Port

Optional

- Real-Time Cruise
- Turning Signal
- Bluetooth
- NFC Function
- Dual Batteries
- Signal/Dual Drive

Main Specs

Model : SW-M818  
 Type : 4.0" VA Color Screen  
 Size : 99.78mm\*59.68mm\*64.36mm  
 Working Voltage : 24V-72V  
 Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0  
 Protection Ratings : IP67  
 Certification : CE, ROHS, EN13849



SW-M58

Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,

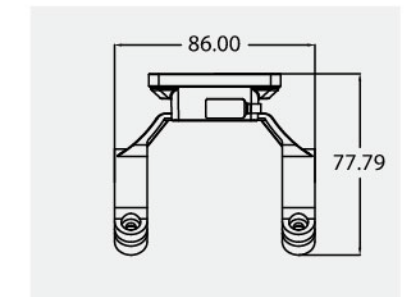
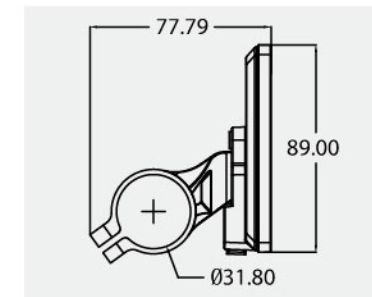
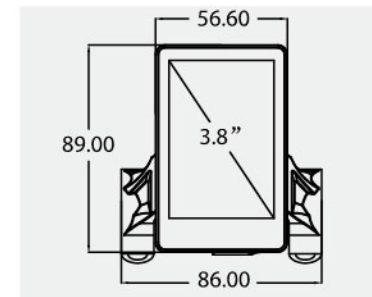
Assist Modes, Power Output, Error Code, Settings

Optional

- Real-Time Cruise
- Bluetooth

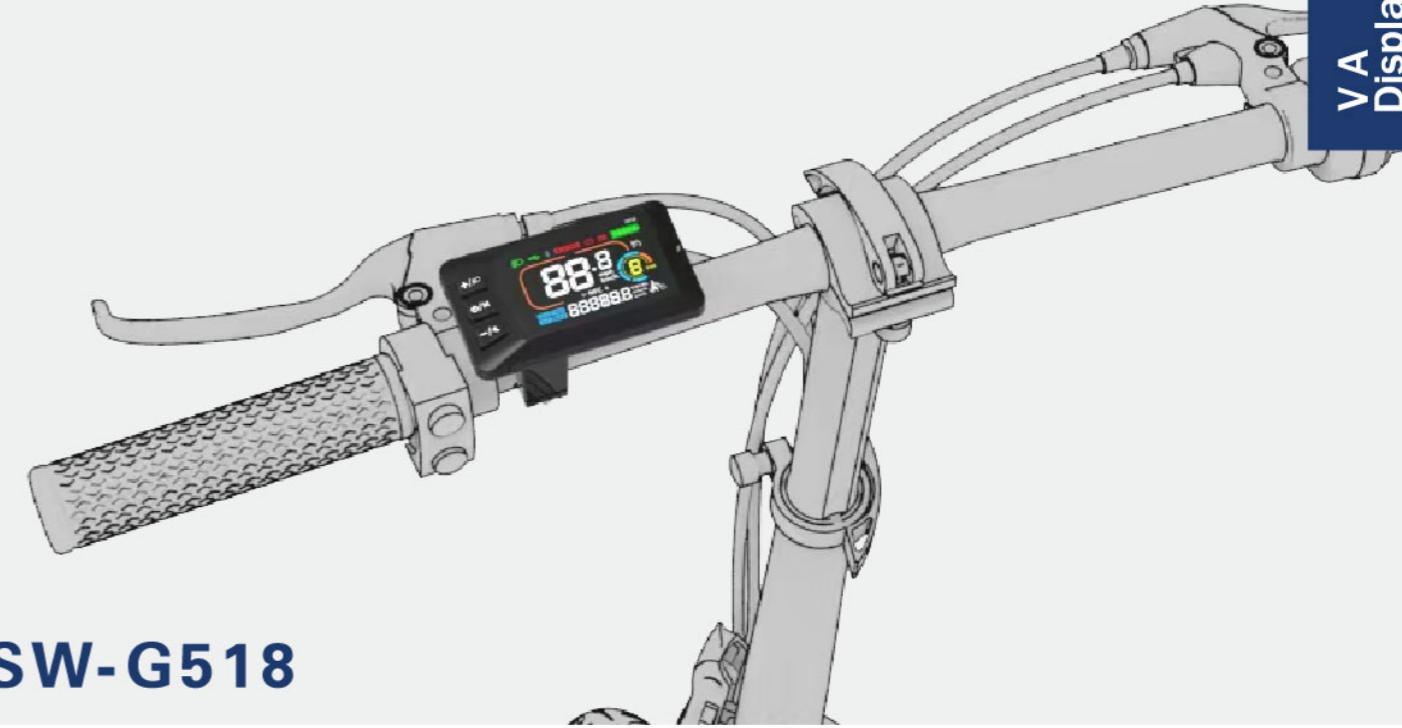
Main Specs

Model : SW-M58  
 Type : 3.8" VA Color Screen  
 Size : 89.00mm\*56.60mm\*77.79mm  
 Working Voltage : 24V-60V  
 Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0  
 Protection Ratings : IP65  
 Certification : CE, ROHS, EN13849





|| SW-900VA



|| SW-G518

**Functions**

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,  
Assist Modes, Power Output, Error Code, Settings, USB Charge Port

**Optional**

- Real-Time Cruise
- Bluetooth

**Main Specs**

Model : SW-900VA  
 Type : 3.5" VA Color Screen  
 Size : 117.72mm\*61.40mm\*81.68mm  
 Working Voltage: 24V-72V  
 Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0  
 Protection Ratings: IP65  
 Certification: CE, ROHS, EN13849



**Functions**

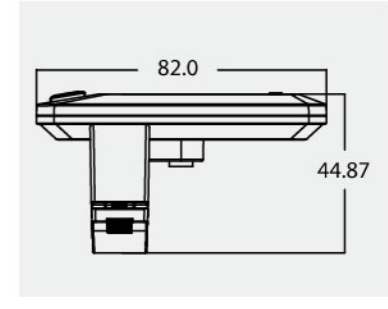
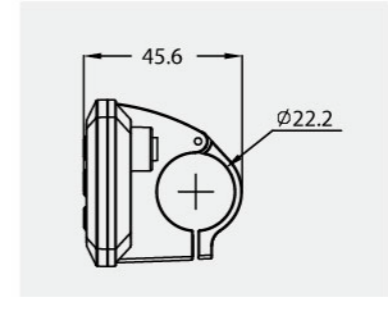
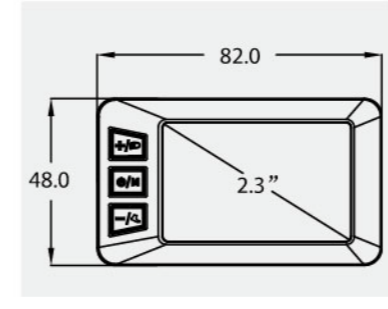
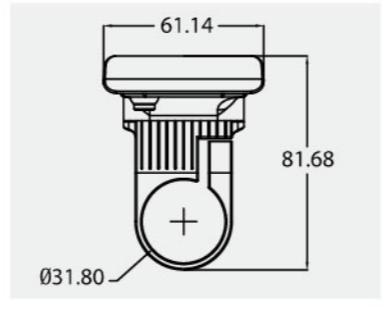
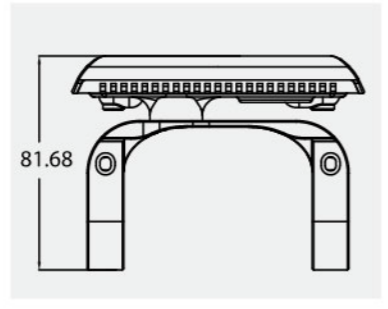
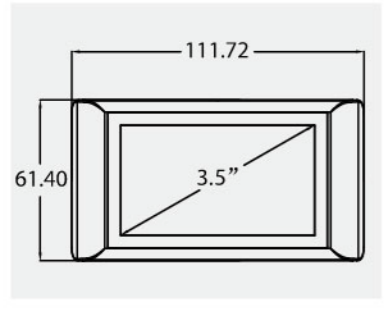
Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,  
Assist Modes, Power Output, Error Code, Settings, USB Charge Port

**Optional**

- Real-Time Cruise
- Bluetooth

**Main Specs**

Model : SW-G518  
 Type : 2.3" VA Color Screen  
 Size : 82.00mm\*48.00mm\*44.87mm  
 Working Voltage: 24V-72V  
 Communication Mode : UART (Default) / CAN (Optional) , Bluetooth5.0  
 Protection Ratings: IP65  
 Certification: CE, ROHS, EN13849





## SW-EN08

### Functions

Assist Level, Speed, Single Trip Distance, Total Distance, Light On/Off,

Assist Modes, Power Output, Error Code, Settings, USB Charge Port

### Optional

Real-Time Cruise

### Main Specs

Model : SW-EN08

Type : 1.9" VA Color Screen

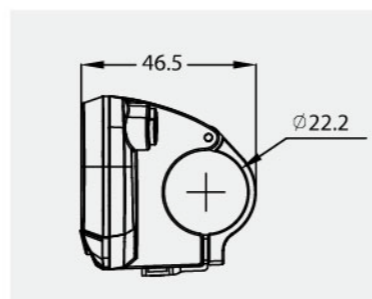
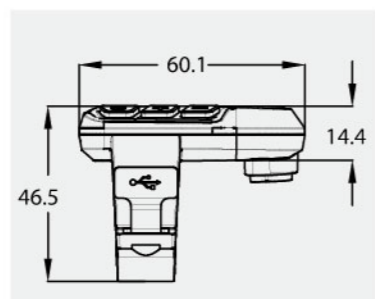
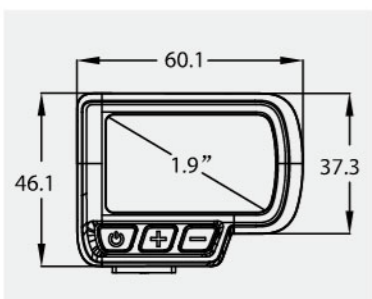
Size : 60.10mm\*46.10mm\*46.50mm

Working Voltage: 24V-60V

Communication Mode : UART (Default) / CAN (Optional)

Protection Ratings: IP65

Certification: CE, ROHS, EN13849



## VA Display EN06

### EN06

#### Assembly Specs

Communication Mode UART(Default) / CAN(Optional)  
 Size 60.1\*46.1\*46.5mm  
 Handlebar Size 22.2mm

#### Important Specs

Screen Type LCD  
 Display Type 1.9" VA  
 Working Voltage 24/36/48/60V  
 Working Temperature -20~70° C

#### Function Display

On/Off	YES
Mode	YES
Assist Level	YES
Throttle Function	NO
Light On/Off	YES
Light Sensor	NO
Walk Assist	YES
Real-Time Cruise	YES
Password	YES
Auto-Off	YES
Bluetooth 5.0	NO
USB Charge Port	5V 500mA(Type-A)
Riding Time	YES
Settings	YES
Max/Current/Avg. Speed	YES
Ingle Trip/Total Distance	YES
Battery Level	YES
Error Code	YES
Power Output	NO



Size A	60.1mm
Size B	45.5mm
Size C	46.5mm
Size D	∅ 22.2mm
Size E	35.1mm
Size F	46.1mm
Size G	1.9" inch

#### Protection Ratings & Certification

Protection Ratings IP65  
 Certification CE, ROHS, EN13849, FCC



**VA Display GZ3**

**GZ3**

**Assembly Specs**

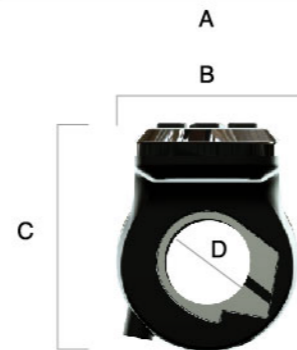
Communication Mode	UART(Default) / CAN(Optional)
Size	103.0*38.0*76.5mm
Handlebar Size	22.2mm

**Important Specs**

Screen Type	LCD
Display Type	1.3" VA
Working Voltage	24/36/48/60V
Working Temperature	-20~70° C

**Function Display**

On/Off	YES
Mode	YES
Assist Level	YES
Throttle Function	YES
Light On/Off	NO
Light Sensor	NO
Walk Assist	YES
Real-Time Cruise	YES
Password	YES
Auto-Off	YES
Bluetooth 5.0	NO
USB Charge Port	NO
Riding Time	NO
Settings	YES
Max/Current/Avg. Speed	NO
Ingle Trip/Total Distance	YES
Battery Level	YES
Error Code	YES
Power Output	NO



Size A	103.0mm
Size B	47.4mm
Size C	76.5mm
Size D	∅ 22.2mm
Size E	26.5mm
Size F	38.0mm
Size G	1.3" inch

**Protection Ratings & Certification**

Protection Ratings	IP65
Certification	CE, ROHS, EN13849, FCC

**LCD Display M5**

**M5**

**Assembly Specs**

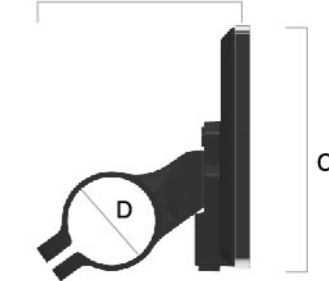
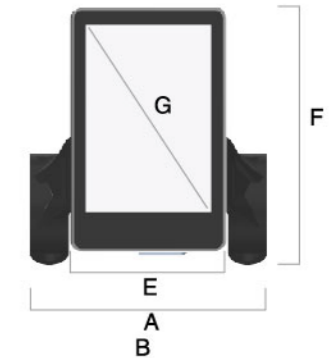
Communication Mode	UART
Size	93.0*86.0*77.8mm
Handlebar Size	22.2/25.4/31.8mm

**Important Specs**

Screen Type	LCD
Display Type	3.8" FSTN
Working Voltage	24/36/48/60V
Working Temperature	-20~70° C

**Function Display**

On/Off	YES
Mode	YES
Assist Level	YES
Throttle Function	NO
Light On/Off	YES
Light Sensor	NO
Walk Assist	YES
Real-Time Cruise	YES
Password	YES
Auto-Off	YES
Bluetooth 5.0	YES
USB Charge Port	NO
Riding Time	YES
Settings	YES
Max/Current/Avg. Speed	YES
Ingle Trip/Total Distance	YES
Battery Level	YES
Error Code	YES
Power Output	NO



Size A	86.0mm
Size B	77.8mm
Size C	89.0mm
Size D	∅ 22.2/25.4/31.8mm
Size E	56.0mm
Size F	93.0mm
Size G	3.8" inch

**Protection Ratings & Certification**

Protection Ratings	IP65
Certification	CE, ROHS, EN13849, FCC



### LCD Display S830

S830

#### Assembly Specs

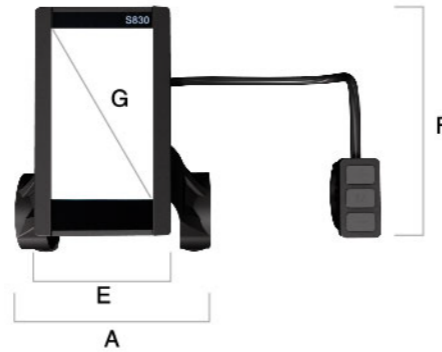
Communication Mode	UART(Default) / CAN(Optional)
Size	90.6*89.0*83.0mm
Handlebar Size	22.2/25.4/31.8mm

#### Important Specs

Screen Type	LCD
Display Type	2.9" HTN
Working Voltage	24/36/48/60V
Working Temperature	-20~70° C

#### Function Display

On/Off	YES
Mode	YES
Assist Level	YES
Throttle Function	NO
Light On/Off	YES
Light Sensor	NO
Walk Assist	YES
Real-Time Cruise	YES
Password	YES
Auto-Off	YES
Bluetooth 5.0	YES
USB Charge Port	5V 500mA(Type-A)
Riding Time	YES
Settings	YES
Max/Current/Avg. Speed	YES
Ingle Trip/Total Distance	YES
Battery Level	YES
Error Code	YES
Power Output	NO



Size A	89.0mm
Size B	15.1mm
Size C	83.0mm
Size D	∅ 22.2/25.4/31.8mm
Size E	53.8mm
Size F	90.6mm
Size G	2.9" inch

#### Protection Ratings & Certification

Protection Ratings	IP65
Certification	CE, ROHS, EN13849, FCC

### LCD Display SW900

SW900

#### Assembly Specs

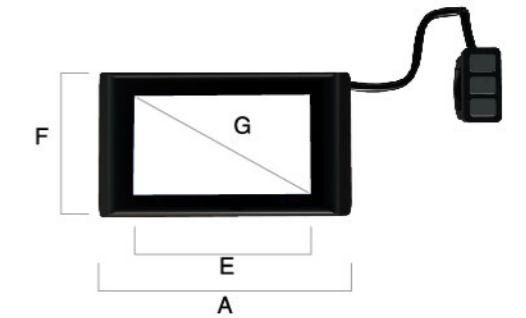
Communication Mode	UART(Default) / CAN(Optional)
Size	109.6*61.8*61.0mm
Handlebar Size	22.2/25.4/31.8mm

#### Important Specs

Screen Type	LCD
Display Type	3.5" HTN
Working Voltage	24/36/48/60V
Working Temperature	-20~70° C

#### Function Display

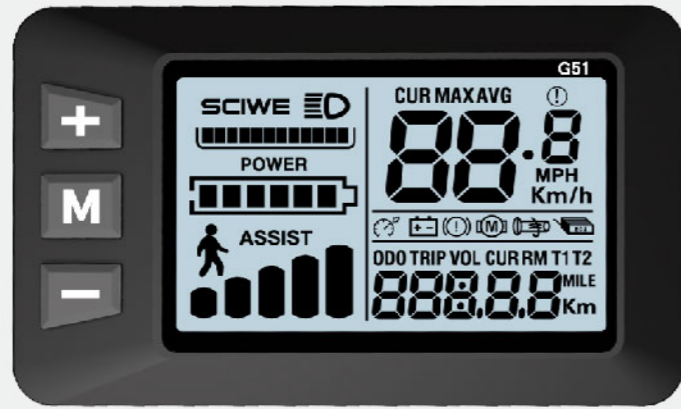
On/Off	YES
Mode	YES
Assist Level	YES
Throttle Function	NO
Light On/Off	YES
Light Sensor	NO
Walk Assist	YES
Real-Time Cruise	YES
Password	YES
Auto-Off	YES
Bluetooth 5.0	YES
USB Charge Port	5V 500mA(Type-A)
Riding Time	YES
Settings	YES
Max/Current/Avg. Speed	YES
Ingle Trip/Total Distance	YES
Battery Level	YES
Error Code	YES
Power Output	YES



Size A	109.6mm
Size B	15.0mm
Size C	61.0mm
Size D	∅ 22.2/25.4/31.8mm
Size E	77.3mm
Size F	61.8mm
Size G	3.5" inch

#### Protection Ratings & Certification

Protection Ratings	IP65
Certification	CE, ROHS, EN13849, FCC



LCD Display G51

G51

Assembly Specs

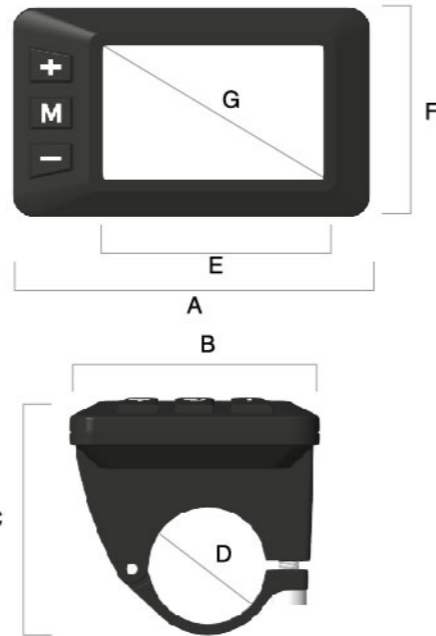
Communication Mode	UART(Default) / CAN(Optional)
Size	82.1*48.1*43.1mm
Handlebar Size	22.2mm

Important Specs

Screen Type	LCD
Display Type	2.3" HTN
Working Voltage	24/36/48/60V
Working Temperature	-20~70° C

Function Display

On/Off	YES
Mode	YES
Assist Level	YES
Throttle Function	NO
Light On/Off	YES
Light Sensor	NO
Walk Assist	YES
Real-Time Cruise	YES
Password	YES
Auto-Off	YES
Bluetooth 5.0	NO
USB Charge Port	5V 500mA(Type-A)
Riding Time	YES
Settings	YES
Max/Current/Avg. Speed	NO
Ingle Trip/Total Distance	YES
Battery Level	YES
Error Code	YES
Power Output	YES



Size A	82.1mm
Size B	48.1mm
Size C	43.1mm
Size D	∅ 22.2mm
Size E	54.3mm
Size F	48.1mm
Size G	2.3" inch

Protection Ratings & Certification

Protection Ratings	IP65
Certification	CE, ROHS, EN13849, FCC

LED Display S810

S810

Assembly Specs

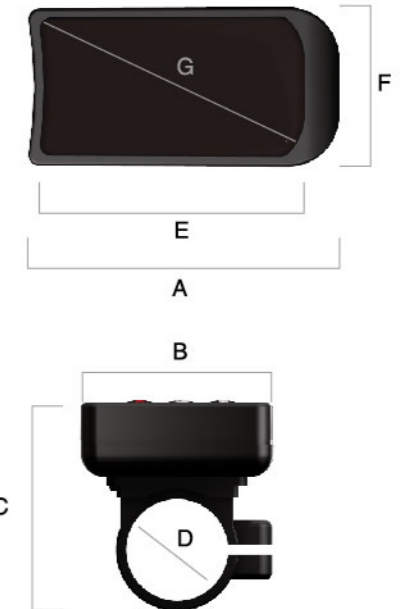
Communication Mode	UART
Size	81.7*42.3*49.6mm
Handlebar Size	22.2mm

Important Specs

Screen Type	LED
Display Type	2.9"
Working Voltage	24/36/48V
Working Temperature	-20~70° C

Function Display

On/Off	YES
Mode	YES
Assist Level	YES
Throttle Function	NO
Light On/Off	YES
Light Sensor	NO
Walk Assist	YES
Real-Time Cruise	YES
Password	NO
Auto-Off	YES
Bluetooth 5.0	NO
USB Charge Port	NO
Riding Time	NO
Settings	NO
Max/Current/Avg. Speed	NO
Ingle Trip/Total Distance	NO
Battery Level	YES
Error Code	NO
Power Output	NO



Size A	81.7mm
Size B	42.3mm
Size C	49.6mm
Size D	∅ 22.2mm
Size E	64.43mm
Size F	42.3mm
Size G	2.9" inch

Protection Ratings & Certification

Protection Ratings	IP54
Certification	CE, ROHS, FCC



## || Displays for eMTB

### LED Display G20

G20

#### Assembly Specs

Communication Mode	UART
Size	65.0*46.0*40.0mm
Handlebar Size	22.2mm

#### Important Specs

Screen Type	LED
Display Type	1.9"
Working Voltage	24/36/48V
Working Temperature	-20~70° C

#### Function Display

On/Off	YES
Mode	YES
Assist Level	YES
Throttle Function	NO
Light On/Off	NO
Light Sensor	NO
Walk Assist	YES
Real-Time Cruise	YES
Password	NO
Auto-Off	YES
Bluetooth 5.0	NO
USB Charge Port	NO
Riding Time	NO
Settings	NO
Max/Current/Avg. Speed	NO
Ingle Trip/Total Distance	NO
Battery Level	YES
Error Code	NO
Power Output	NO



Size A	46.0mm
Size B	11.5mm
Size C	40.0mm
Size D	∅ 22.2mm
Size E	37.0mm
Size F	65.0mm
Size G	1.9" inch

#### Protection Ratings & Certification

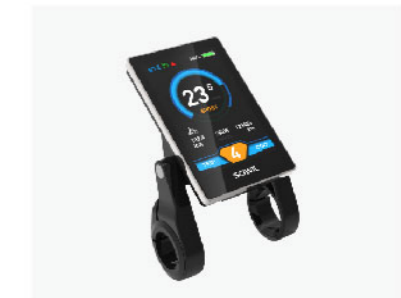
Protection Ratings	IP54
Certification	CE, ROHS, FCC



SW-M808X



SW-M818



SW-M61



SW-M58



SW-R20



SW-900VA



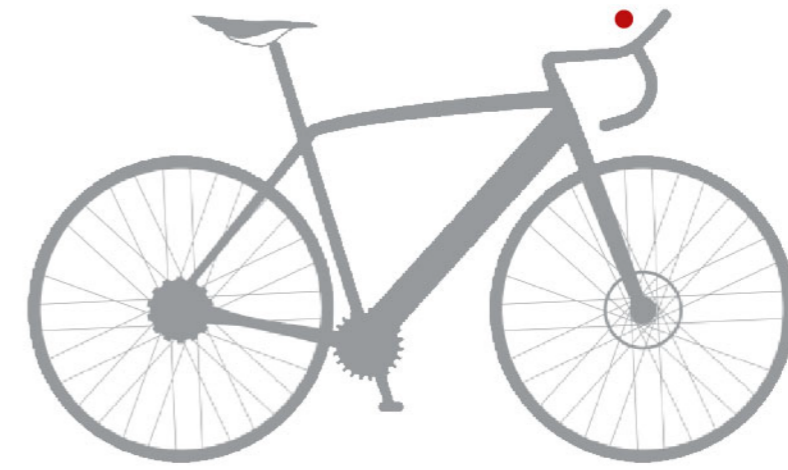
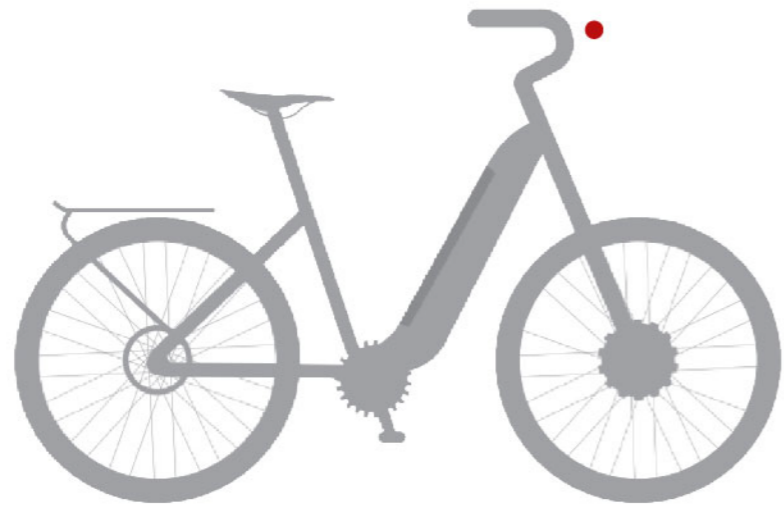
M5



S830



SW900



### || Displays for eCity

### || Displays for eRoad



SW-M808X



SW-M61



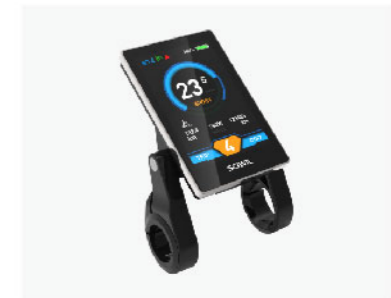
SW-R20



SW-M808X



SW-M818



SW-M61



SW-M58



M5



S830



SW-M58

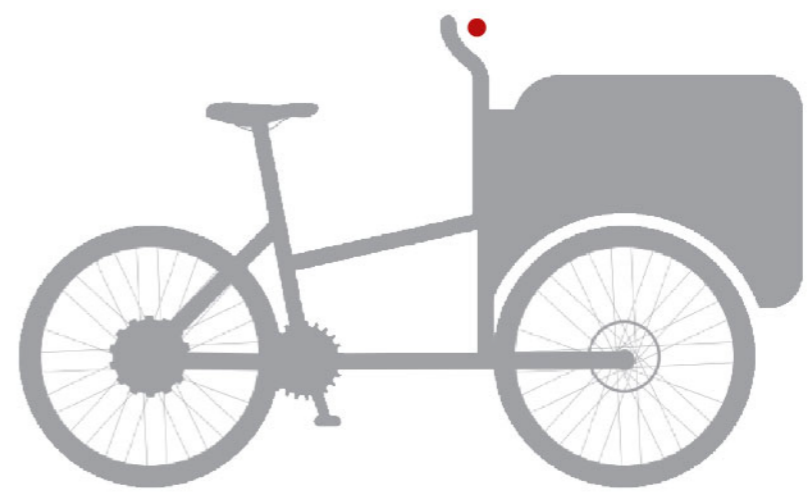
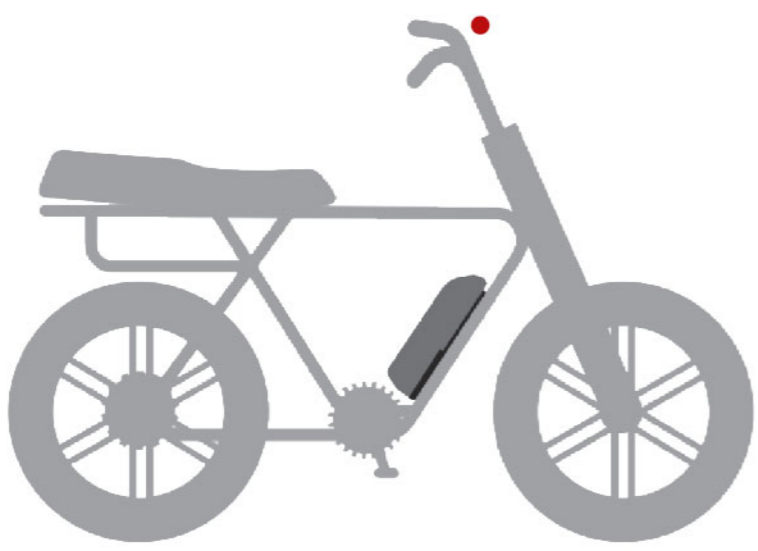


M5



S830





### || Displays for Fat eBike

### || Displays for eCargo



SW-M808X



SW-M818



SW-K60



SW-G31



SW-G518 / G51



EN06 / SW-EN08



SW900



SW-900VA



SW-G31



GZ3



S810



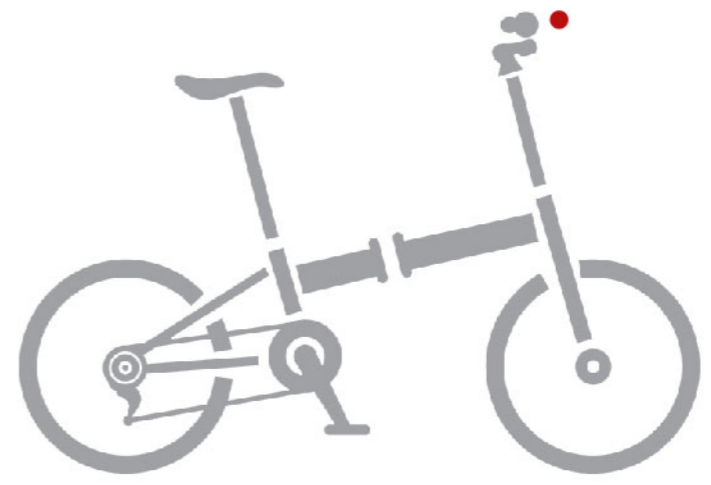
G20



SW-G518 / G51



EN06 / SW-EN08



|| Displays for eScooter

|| Displays for eFolding



SW-R20



SW-G31



S886



SW-R20



SW-G31



SW-G518



SW-M808X



S6



GZ3



EN06 / SW-EN08



GZ3