



SIAECOSYS DKD Display User Manual

FAQ

Q: Voltage options for DKD speedometer?

A: There has three voltage options: 48V, 60V, 72V.

Clients can inform their battery specification to seller before the order, then seller can adjust the voltage before the shipment.(It will be 72V as default)

Q: How to choose " Can-bus " and " Line communication " DKD speedometer?

A: There has two communication versions for DKD speedometer.

First one is " Can-bus"communication.

For Can-bus display, it require the matched lithium battery has BMS and compatible can-bus communication protocol, other wise, the display will shows undervoltage all the time.

As below picture shown.



Second one is " Line communication "speedometer.

For "Line communication " speedometer, it can work with normal lithium battery without problem.

Only one thing left is the voltage display is not as accurate as can-bus communication speedometer.

Q: What will be the speedometer difference between E-scooter and E-tricycle application?

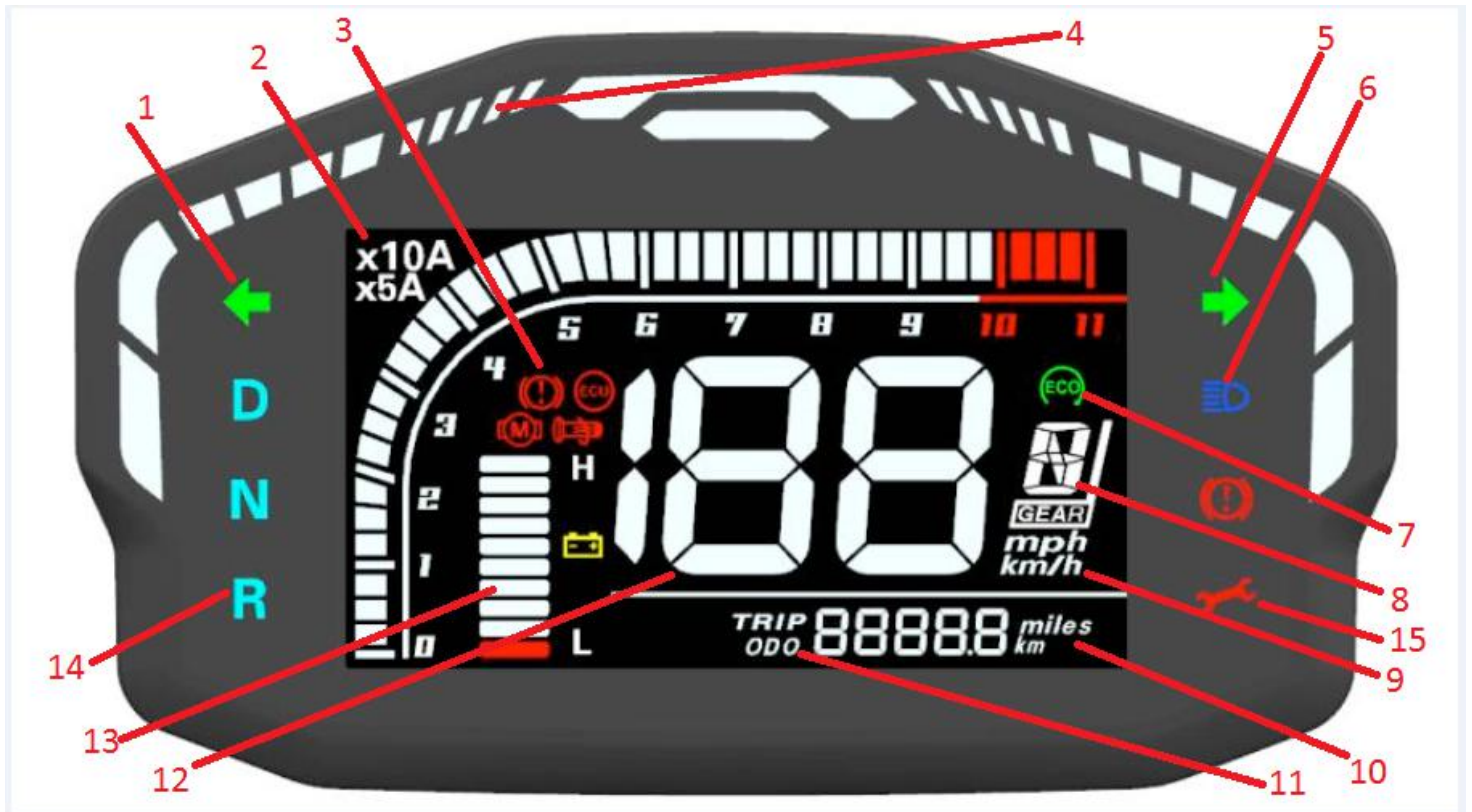
A: Almost is same, only difference is gear.

For E-Tricycle application, the gear will be D/N/R.

Like below picture shown:

仪表功能

Function



1、 左转向灯（绿色）。信号：左转向灯。同步转向灯亮灭。

Left-turn indicator(Green). Signal: Left-turn indicator. Synchronous turn signal on

2、 电流指示单位：*10A

Current indicating unit: x10A

3、 4 个指示图标

刹车指示灯：机械刹车或电子刹车时，指示灯亮。

控制器故障：控制器故障，指示灯亮。

电机故障：霍尔故障或电机缺相时，指示灯亮。转把故障：转把故障或防飞车保护时，指示灯亮。

3. 4 Indicator icons

Brake indicator: When the mechanical brake or electronic brake is applied, the indicator light is on.

Controller failure: The controller is faulty and the indicator is on.

Motor failure: When the Hall is faulty or the motor is out of phase, the indicator lights up.

Turning the fault: When the fault is turned off or the anti-flying protection is applied, the indicator light is on.

4、电耗指示。

Power consumption indication

5、右转向灯（绿色）。信号：右转向灯。同步转向灯亮灭。

Right-turn indicator(Green). Signal: right-turn indicator. Synchronous turn signal on

6、远光灯（蓝色）。信号：远光灯。同步远光灯亮灭。

High beam (blue). Signal: high beam. The sync high beam lights off.

7、反充电指示。信号：控制器一线通/CAN-BUS，同时控制器支持。当车辆进行电子刹车时，产生的能量往电池充电时指示灯亮。

Energy recovery(ECO). Signal: One-line of controller/CAN-BUS, and supported by the controller. When the vehicle is electronically braked,, the energy charge to battery, and the light one.

8、档位显示：信号：控制器一线通/CAN-BUS。1, 2, 3 档、只显示外框-表示控制器限速或控制器一线通信号没有连接。

Speed gear: Signal: one-line of controller/CAN-BUS. 1, 2, 3 gear, when only shoe out-frame - indicating that the controller speed limit or the controller one-line signal is not connected.

9、 mph、km/h: 速度单位, mph-英制(英里/小时); km/h-公制(公里/小时)。公制和英制不可切换。发货前可根据客户要求定制

MPH KM/H: Speed unit. Mph-imperial (miles/hour); km/h-metric (km/h). These 2 units could not be switched, can be customized according to customer requirements before shipment.

10、 里程单位同步显示英制(mile-英里)和公制(KM-公里)。公制和英制不可切换, 发货前可根据客户要求定制。

Mileage units are synchronized to show inch (mile-miles) and metric (KM-km). Metric and imperial systems cannot be switched, can be customized according to customer requirements before shipment.

11、 TRIP :小计里程。最小分辨率 0.1KM (0.1mile)。操作按键可以复位小计。

ODO : 总里程标志。当这个符号显示时, 里程显示为总里程。最小分辨率 1KM (1mile)。

TRIP: Subtotal mileage. The minimum resolution is 0.1KM (0.1mile). The operation button resets the subtotal.

ODO : Total mileage mark. When this symbol is displayed, the mileage is displayed as the total mileage. The minimum resolution is 1KM (1mile).

12、 速度显示: 最大显示 199km/h 或 199mph; 最小分辨率 1km/h(1mph)。

Speed Indicator: The maximum display is 199km/h or 199mph; the minimum resolution is 1km/h (1mph).

13、 电压电量指示: 10 格指示, 数据来着 BMS, 一线通仪表显示电压, CAN-BUS仪表显示电量(较准确)。

Voltage power indication: 10 grid indication, data comes to BMS, one-line meter displays the voltage, and the CAN-BUS meter displays the power (more accurate).

14、 DNR-档(倒档)(红色): 信号: 控制器一线通/CAN-BUS。

DNR-gear (reverse) (red): Signal: One-line of controller/CAN-BUS

15、 维修灯(红色)。信号: 一线通/CAN-BUS, 当有控制器故障, 电机故障, 转把故障时指示灯亮。

Maintenance lights (red). Signal: One-line of controller, when there is fault for controller, motor, throttle, lights one.

速度说明，发货前可根据客户轮胎型号进行调节

Speed specification, can be adjusted according to customer tire model before shipment

YD01/61/48/C/V1 轮胎周长: 1350mm ; 电机极对数: 4 对 ; 速比: 10: 1; 速度显示提升 10%。

YD01/61/48/C/V1 tire circumference: 1350mm; motor pole pairs: 4 pairs; speed ratio: 10:1; speed display increased by 10%.

YD01/61/48/C/V2 轮胎周长: 1350mm ; 电机极对数: 4 对 ; 速比: 19: 1; 速度显示提升 10%。

YD01/61/48/C/V2 tire circumference: 1350mm; motor pole pairs: 4 pairs; speed ratio: 10:1; speed display increased by 10%.

YD01/61/48/C/V3 轮胎周长: 1350mm ; 电机极对数: 4 对 ; 速比: 13: 1; 速度显示提升 10%。

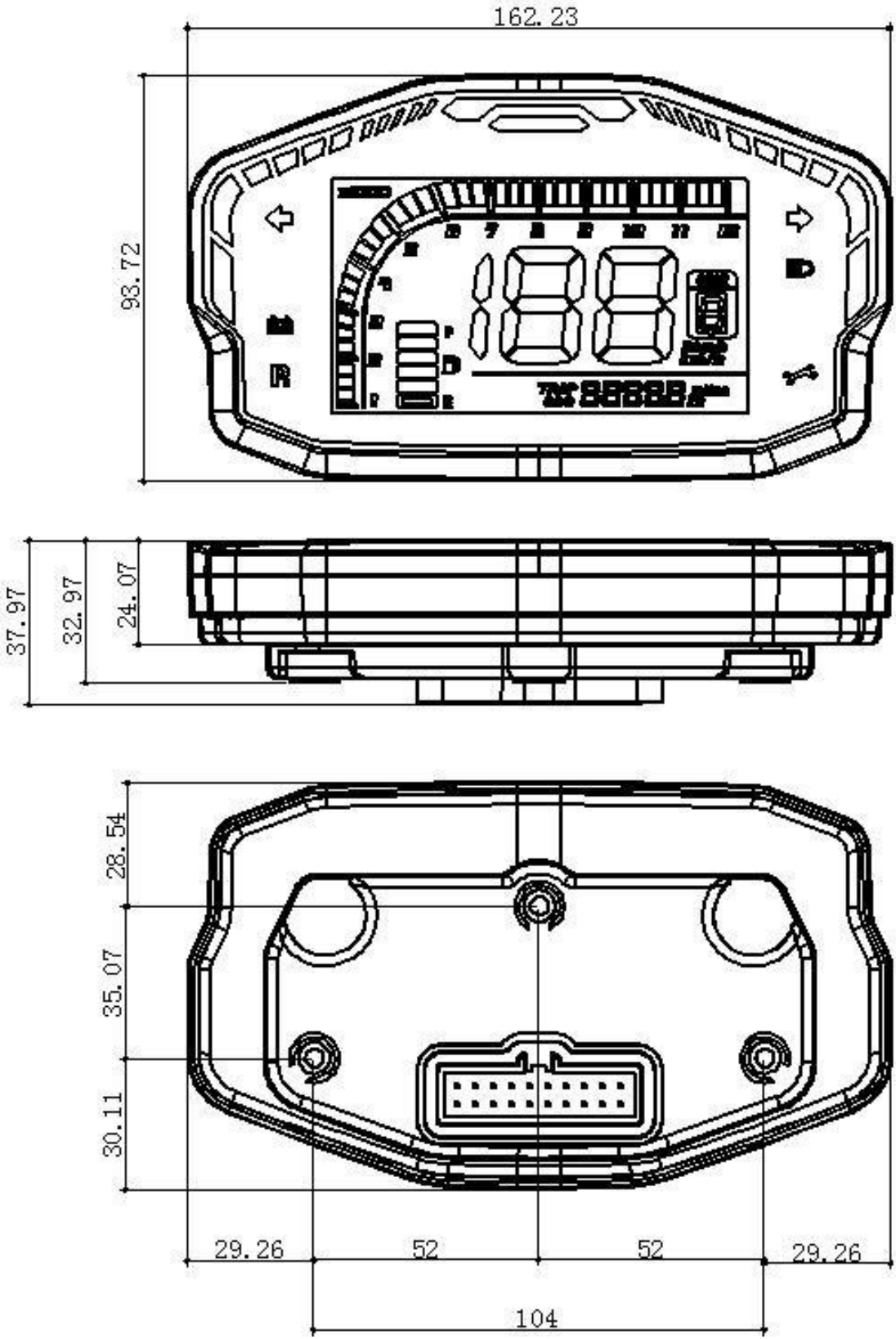
YD01/61/48/C/V3 tire circumference: 1350mm; motor pole pairs: 4 pairs; speed ratio: 10:1; speed display increased by 10%.

电压电量说明 Voltage power description

电量: 根据电池BMS 数据显示, 只有CAN-BUS仪表显示电量

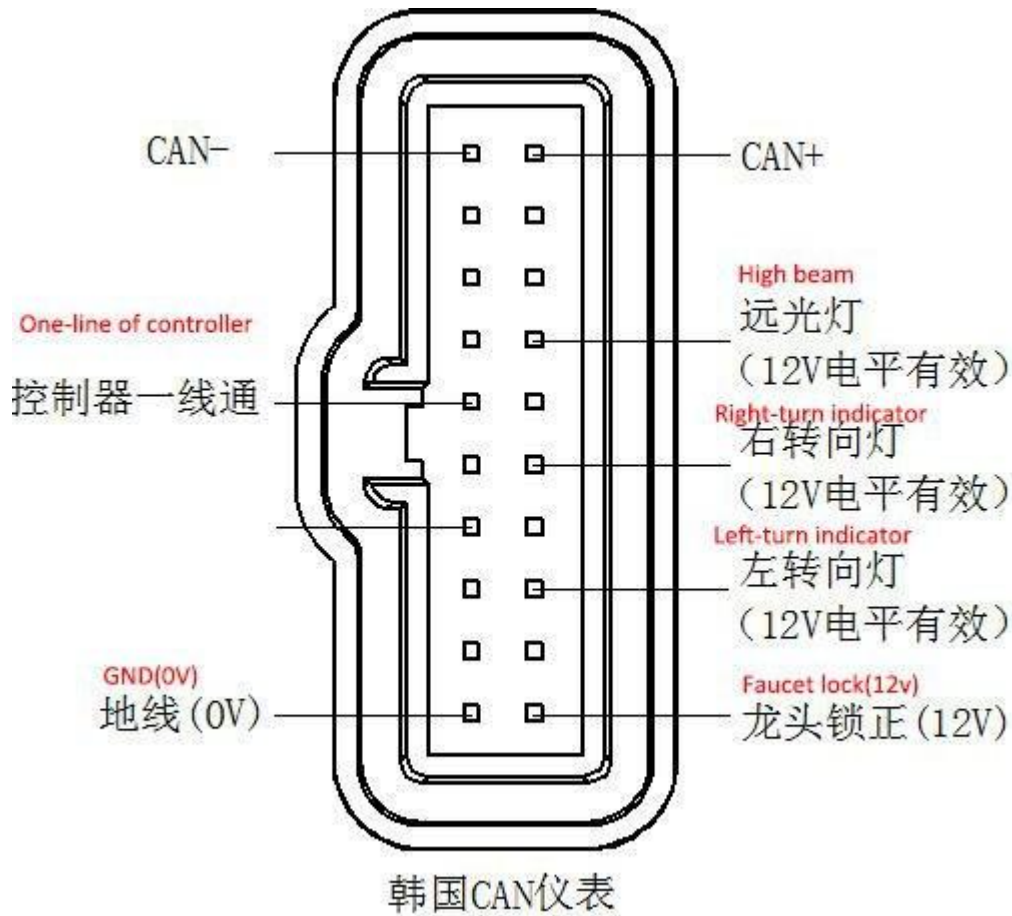
Power: Show the data according to battery BMS, only CAN-BUS meters display power

外形数据（显示面不作参考） Drawing



仪表出线端口定义

Outlet port definition



Note: One-line of controller or Can-bus, only one line can be connected at a time.

一线通和canbus, 一次只能接一根线

Drawing:

