

## Mini Datahub

# HW-HUB02

Howen Mini Datahub is a versatile device that provides 12V power from the unit, features 1 RS232 port (with the main unit), 6 inputs, 2 outputs (12V 0.5A), 1 CANBUS 2.0, 1 RS485, 2 GND connections, and 1 Analog input, making it an ideal solution for data connectivity and power distribution in various applications.



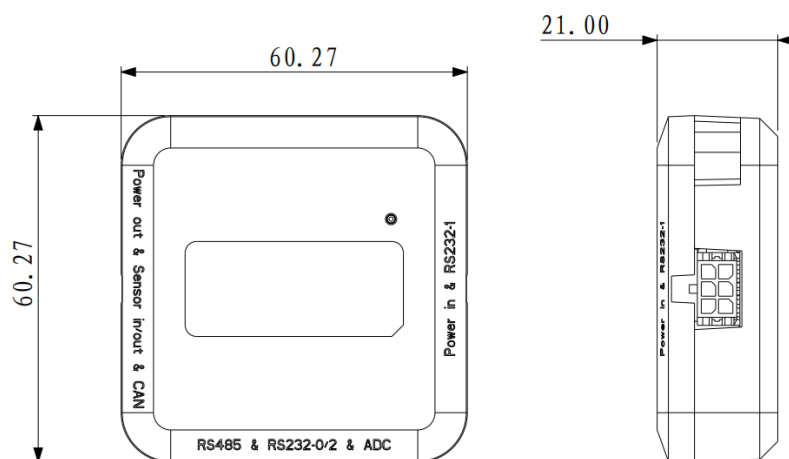
## Features

- Mini, compact industrial grade design
- Regulated voltage protection, regulated voltage input
- Good expandability, support 1 channel CAN 2.0 interface
- Easy to install
- Ruggedized plastic material, can work in -40°C to +70°C

## Specification

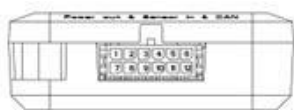
Model	HW-HUB02
Host communication interface (input)	
Power	12V
RS232 (communication with host)	1
Interface (output)	
RS232 (communication with peripherals)	2
RS485	1
Input	6 (0-32V)
OutPut	2 ch*12V (each channel max=0.5A)
CAN 2.0	1
GND	3
Analog Input	0~32V
Analog quantity	1
General	
Power Supply	12V
Operating temperature	-40°C ~ 70°C
Dimension	60.27mm*60.27mm*21mm (L*W*H)
12pin connector cable	Power out & sensor & CAN: one end is a 2*6 5557 male plug, the other end is a 12 pin loose wire, the end of the wire is half-stripped and tinned, cable length is 35cm
8pin connector cable	RS485&RS232&ADC: one end is a 2*4 5557 male plug, the other end is a 8 pin loose wire, the end of the wire is half-stripped and tinned, cable length is 35cm
6pin connector cable	Power in & RS232: one end is a 2*3 5557 male plug, the other end is a 5 pin loose wires, the end of the wire is half-stripped and tinned, cable length is 35cm

## Dimension (Unit: mm)



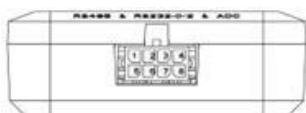
## Appearance

12 Pin Definition Graph



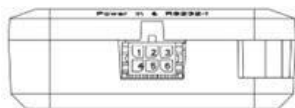
12-pin definition diagram						
Serial number	1	2	3	4	5	6
Definition	SENSOR_IN1	SENSOR_IN2	SENSOR_IN3	GND	CAN_L	CAN_H
Serial number	7	8	9	10	11	12
Definition	12V_OUT2	12V_OUT1	GND	SENSOR_IN6	SENSOR_IN5	SENSOR_IN4

8 Pin Definition Graph



8-pin definition diagram				
Serial number	1	2	3	4
Definition	GND	RS485_A	RS232_RX2	RS232_RX0
Serial number	5	6	7	8
Definition	ANALOG_IN1	RS485_B	RS232_TX2	RS232_TX0

6 Pin Definition Graph



6-pin definition diagram			
Serial number	1	2	3
Definition	GND	RS232_RX1	RS232_TX1
Serial number	4	5	6
Definition	12V	GND	NC