

### 1. Introduction

L4 LCD Monitor is a 4.3-inch display-control screen designed for vehicle and industrial sectors where a control functionality is required. Thanks to its compact design with multiple ports, L4 LCD Monitor offers a cost-effective and reliable method for most customers' demand for load control and data display.



### 2. Installation and Wiring

The wiring shall be done based on the system requirements to connect with specific ports.

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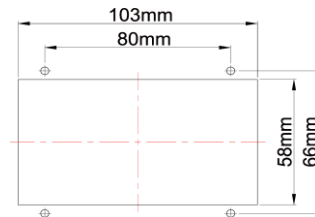
### 2.1 Install Instructions

1. Cut the grooves and punch screw holes per groove dimensions. The antenna length on the left side of the product is about 80 mm, so please leave a minimum length of 100 mm on the left side for the antenna installation.
2. Lock the attached mounting bracket into the screw holes with screws.
3. Connect the wires and install the external antenna.
4. Secure the product to the mounting bracket (note that there is a slot on the product so the mounting bracket could be embedded in the slot), and tighten the screws at the bottom.

### 2.2 Installation Guide 1

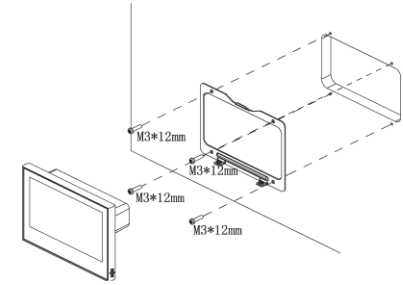
#### ) .Groove Dimensions.

There is no need to cut a groove for the wall mounting installation, but screw holes are necessary and should be punched

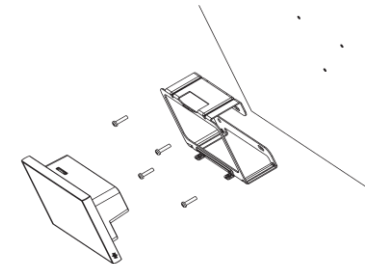


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### 2) .Embedded Installation Diagram(Use M3 screws );



### 3) .Wall Mounting Installation Diagram( Use M4 screws)



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### 3. Port Definitions



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①Vehicle Ports		②RJ45 Ports	
Pin	Function	Pin	Function
Pin 1	12V Power+	Pin 1	/
Pin 2	RS485_B-	Pin 2	/
Pin 3	RS485_A+	Pin 3	RS485_A+
Pin 4	Power Ground	Pin 4	CAN_H
Pin 5	CAN_H	Pin 5	CAN_L
Pin 6	/	Pin 6	RS485_B-
Pin 7	/	Pin 7	12V Power +
Pin 8	CAN_L	Pin 8	Power Ground

③.USB Port: standard USB port, Support USB HOST.

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### 4. Datasheets

Outer Dimensions	116mm*80mm*37mm		
Screen Dimensions	95.04mm*53.86mm (4.3" TN screen)		
Display Resolution	480x272pixels	Aspect Ratio	16:9
Luminance	400cd/m2	Touch Points	5-point touch
Operating Current	100mA(average)	Operating Voltage	12V
Operating Humidity	10%~80%RH	Backlight Mode	LED
Operating Temperature	-20°C~70°C	Weight	180g
Certificate	CE	IP Rating	IP21

### 5. Precautions

1. Do not drop corrosive liquids (such as cola or alcohol) into the product. Doing so may result in circuit board corrosion or abnormal display.
2. Please refer to the Port Definitions when making external wire connections. A reverse or incorrect connection may result in irreversible damage to the circuit.
3. Do not scratch or hit the screen with sharp objects.

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