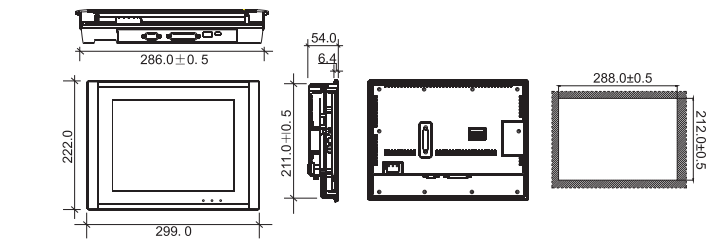


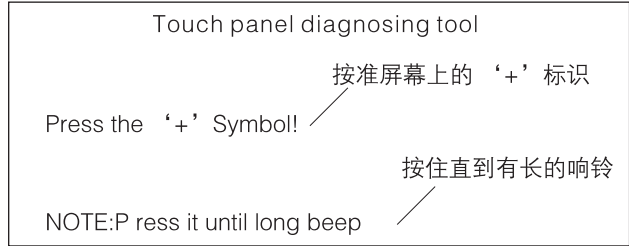
LEVI777A/700L installation size



LEVI910T安装尺寸图

九、触摸屏校正 Touchscreen calibration

人机界面上电启动后，按住屏幕的左上角大约3~5秒钟，出现如下界面：



依次点中左上角，左下角，右下角，右上角，中心点的‘+’，重新启动即可。

十、参数设置 Parameters setting

	按住屏幕的右上角大约3~5秒钟，出现如下界面：	
参数设置	Stup HMI	Touch panel testing
示例2	Demo 2	Demo 3
示例4	Demo 3	Demo 5
下载波特率设置	DOENLOAD BAUDRATE	LCD Contrast
工厂测试	Factory testing	Reset HMI
退出	Quit	Version

选择“Setup HMI”，进入触摸屏的参数设置画面，可以设置通信口参数、时间参数等设置，修改后，点击“Save”保存，然后重新启动HMI后生效。

十一、LEVI系列人机界面的安装 Interface Installation

注意事项：

- 安装方向必须依本说明书规定，否则会造成故障。
- 为了使冷却循环效果良好，安装人机接口时，其上下左右与相邻的物品和挡板(墙)，必须保持足够的空间，以避免散热不良造成的设备损坏。
- 使用于type 4x室内用等级之外壳平面。

安装步骤：

- 确实将防水垫圈装入，然后再安装人机界面到适合的外壳中；
- 确实将固定片螺丝组装入内，然后下方钩住前盖螺丝头顶住控制箱内侧；
- 请以合适大小的扭力锁紧螺丝，切记不可以超过此力矩，否则将造成塑料外壳的损坏。扭力：6.17lb·inch(0.7NM)。

十二、LEVI系列人机界面的接口定义

LEVI350T接口引脚定义

引脚	定义	引脚	定义
1	RS232 RXD	2	RS232 TXD
3	GND	4	RS422 TX+/RS485 A+
5	RS422 TX-/RS485 B-	6	RS422 RX+
7	RS422 RX-		

LEVI430T接口定义

引脚	定义	引脚	定义
1	RS422 TX+/RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS422 TX-/RS485 B-	8	RS422 RX-
9	RS422 RX+		

LEVI77A/750A/700E接口引脚定义

引脚	定义	引脚	定义
1	RS422 TX+/RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS422 TX-/RS485 B-	8	RS422 RX-
9	RS422 RX+		

引脚	定义	引脚	定义
1	RS422 TX+/RS485 A+	2	RS232 RXD
3	RS232 TXD	4	CANL(可选)
5	GND	6	RS422 TX-/RS485 B-
7	CANH (可选)	8	RS422 RX-
9	RS422 RX+		

COM2接口定义

引脚	定义	引脚	定义
1	RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS485 B-	7	COM3 RS485+ (可选)
8	COM3 RS485- (可选)		

LEVI700L/750L/750LK/700EL/700LK接口引脚定义

COM1接口定义

引脚	定义	引脚	定义
1	RS422 TX+/RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS422 TX-/RS485 B-	8	RS422 RX-
9	RS422 RX+		

LEVI102A/102E接口引脚定义

COM1接口定义

引脚	定义	引脚	定义
1	RS422 TX+/RS485 A+	2	RS232 RXD
3	RS232 TXD	4	CANL(可选)
5	GND	6	RS422 TX-/RS485 B-
7	CANH (可选)	8	RS422 RX-
9	RS422 RX+		

COM2接口定义

引脚	定义	引脚	定义
1	RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS485 B-	7	COM3 RS485+ (可选)
8	COM3 RS485- (可选)		

LEVI102L/102EL接口引脚定义

COM1接口定义

引脚	定义	引脚	定义
1	RS422 TX+/RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS422 TX-/RS485 B-	8	RS422 TX-
9	RS422 RX+		

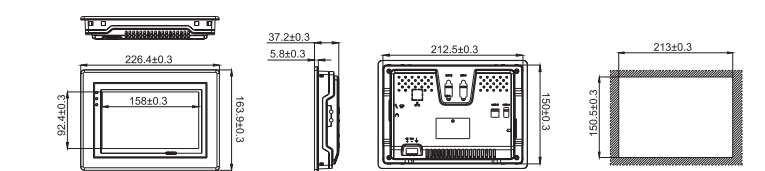
LEVI910T接口引脚定义

COM1/COM3 接口定义

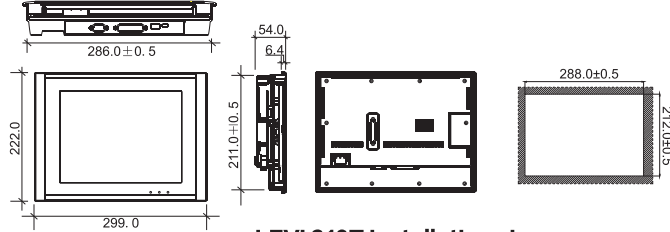
引脚	定义	引脚	定义
1	GND	2	COM1 RS232 TXD
3	COM1 RS232 RXD	7	GND
9	COM3 RS485 A+(可选)	10	COM3 RS485 B- (可选)
14	COM1 RS422 TX+/RS485 A+	15	COM1 RS422 TX-/RS485 B-
16	COM1 RS422 RX+	17	COM1 RS422 RX-
19	CAN总线L (可选)	21	CAN总线H (可选)

COM2接口定义

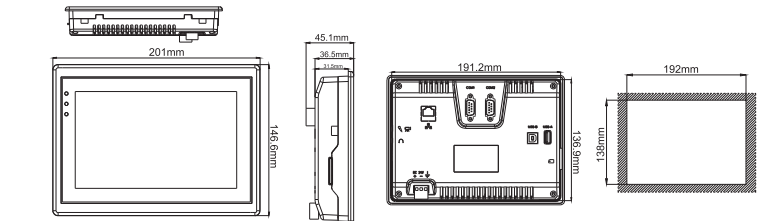
引脚	定义	引脚	定义
1	RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS485 B-		



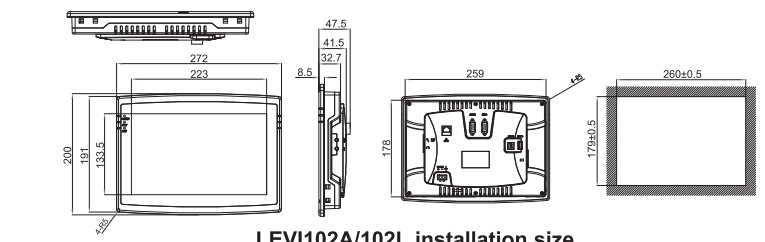
LEVI750A/750L/750LK installation size



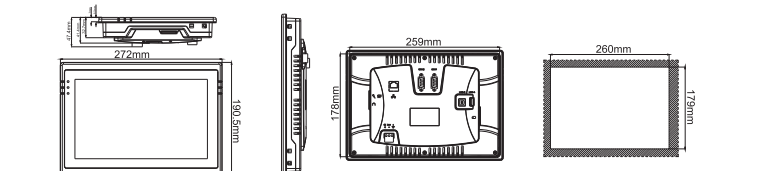
LEVI 910T installation size



LEVI700E/700EL/700LK installation size



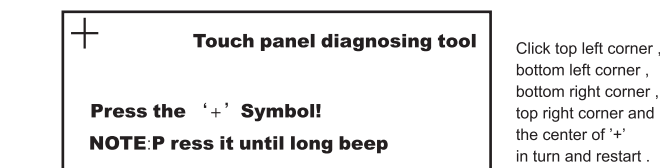
LEVI102A/102L installation size



LEVI102E/102EL installation size

Part 9 Touch Screen Calibration

After starting HMI, keep on pressing top left corner of screen about 3 to 5 seconds , an interface will appear as follows :



Part 10 Parameter Setup

Keep on pressing top right corner of screen about 3 to 5 seconds , an interface will appear as follows :

Stup HMI	Touch panel testing
Demo 2	Demo 3
Demo 3	Demo 5
DOENLOAD BAUDRATE	LCD Contrast
Factory testing	Reset HMI
Quit	Version

Select "Setup HMI", enter parameter setup picture of HMI . You can set communication parameter , time parameter and so on . Press the "Save" button after modifying , and then it will be effective after restarting HMI

Part 11 Installation of Levi Series HMI

Notes:

- The installation direction must be in accordance , Otherwise it may lead to fault
- In order to make circle effect greatly, adjacent objects and baffle should be kept on enough space when installation , otherwise it will cause bad cooling .
- Used in crust plane of Type 4X indoor grade

Installation steps :

- Make sure the waterproof gasket is cased , and then install HMI to the adaptive crust
- Make sure the fixed piece screw is cased , and then hitch front cover screw to withstand inside control box
- Please tight screws aptly and remember not too strength , otherwise it will lead to crustaceous damage . Gnarl strength : 6.17lb·inch(0.7N·M).

Part 12 Interface Definition of Levi Series HMI

LEVI350T series interfaces

Pin	Definition	Pin	Definition
1	RS232 RXD	2	RS232 TXD
3	GND	4	RS422 TX+/RS485 A+
5	RS422 TX-/RS485 B-	6	RS422 RX+
7	RS422 RX-		

COM definition:

Pin	Definition	引脚	定义
1	RS422 TX+/RS485A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS422 TX-/RS485 B-	8	RS422 TX-
9	RS422 RX+		

LEVI77A/750A/700E series interfaces

COM1 definition:

Pin	Definition	Pin	Definition
1	RS422 TX+/RS485 A+	2	RS232 RXD
3	RS232 TXD	4	CANL(Optional)
5	GND	6	RS422 TX-/RS485 B-
7	CANH (Optional)	8	RS422 RX-
9	RS422 RX+		

COM2 definition:

Pin	Definition	Pin	Definiton
1	RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS485 B-	7	COM3 RS485+(Optional)
8	COM3 RS485-(Optional)		

LEVI700L/750L/750LK/700EL/700LK series interfaces

COM1 definition:

Pin	Definition	Pin	Definition
1	RS422 TX+/RS485A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS422 TX-/RS485 B-	8	RS422 TX-
9	RS422 RX+		

LEVI102A/102E series interfaces

Pin	Definition	Pin	Definition
1	RS422 TX+/RS485 A+	2	RS232 RXD
3	RS232 TXD	4	CANL(Optional)
5	GND	6	RS422 TX-/RS485 B-
7	CANH (Optional)	8	RS422 RX-
9	RS422 RX+		

注意 本说明书内容若有变更,恕不另行通知.请谅解!

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COM2 definition:

Pin	Definition	Pin	Definiton
1	RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS485 B-	7	COM3 RS485+(Optional)
8	COM3 RS485-(Optional)		

LEVI102L/102EL series interfaces

COM1 definition:

Pin	Definition	Pin	Definition
1	RS422 TX+/RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS422 TX-/RS485 B-	8	RS422 TX-
9	RS422 RX+		

LEVI910T series interfaces

COM1/COM3 definition:

Pin	Definition	Pin	Definiton
1	GND	2	COM1 RS232 TXD
3	COM1 RS232 RXD	7	GND
9	COM3 RS485 A+(optional)	10	COM3 RS485 B- (optional)
14	COM1 RS422 TX+/RS485 A+	15	COM1 RS422 TX-/RS485 B-
16	COM1 RS422 RX+	17	COM1 RS422 RX-
19	CAN bus L (optional)	21	CAN bus H (optional)

COM2 definition:

Pin	Definition	Pin	Definition
1	RS485 A+	2	RS232 RXD
3	RS232 TXD	5	GND
6	RS485 B-		

保修卡		
用户单位 Customer units	联系人 Contacts	
用户地址 Customer address	联系电话 Phone	
产品名称 Product Name	出厂编号 Serial number	
购买日期 Date of purchase	购买联系人 (经销商) Sellers	
购买地 The place of purchase	备注 Remarks	
维修 记录 Maintenance record	日期 (Date)	故障原因以及处理情况 (Cause and solotion)

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Notes:

1.Acorrding to prescription ,the period for protecting to fix product is 18 months(From the day when you purchase).During this period,any belongs to under normal usage circumstance cause because of the product quality's problem of breakdown, our company will be responsible for giving free maintain.

2.Free maintain won't be given under the following

circumstance :

- ①The braekdown caused by the manipulation that hasn't follow the requests of the Manual.
- ②The damage caused by the unauthorized disassemble.
- ③The damage caused by customer inappropriate preservation, maintain,or the usage.
- ④The breakdown and the damage caused by the Force majeure .

Notice

Please forgive that the contents of the manual may be changed without notice.

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