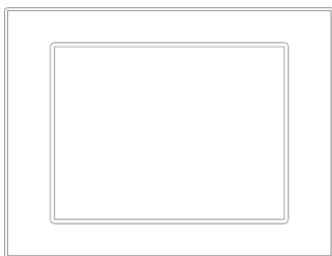

Lite-Puter

可编程触摸控制面板
Programmable Touch Panel

PL-CPT01

说明书

USER MANUAL



使用本产品前请阅读本说明书
如需帮助请登陆：
<http://www.liteputer.com.tw>

目录

温馨提示

第一章 使用须知.....	2
1-1 合格的安装要求.....	2
1-2 合格的操作规范.....	2
第二章 产品介绍.....	3
2-1 特点	3
2-2 规格	3
2-3 外观功能简介.....	4
2-4 系统接线图.....	5
第三章操作说明	5
3-1 下载工程	5
3-2 主界面	5
3-3 软件设置	7
3-4 日程设置.....	9
第四章功能故障排查.....	10
有限质量保证	11
0 Caution	12
1 Before Installation	12
1-1 Qualified Installation requirements	12
1-2 Qualified Operation Specifications	12
2 Introduction.....	13
2-1 Features.....	13
2-2 Specifications.....	13
2-3 Dimensions.....	13
2-4 Diagrams	14
3 Operation Guide	14
3-1 Upload.....	14
3-2 Main Page	14

3-3 Software Setting	16
3-4 Timer Schedule Setting	18
4 Troubleshooting.....	18
Limited Warranty.....	19

温馨提示

Lite-Puter 智能灯光控制的先行者，公司一直秉承智慧、舒适、节能的设计理念。Lite-Puter 控制设备主要基于 DMX512、EDX、Orbit 总线系统开发，满足各类项目的需求。安装、调试、维护本产品之前，请确保本说明书内容都已完全理解，以免给您造成不必要的困扰和额外的费用损失。本说明书只对本设备具有符合性。

第一章 使用须知

为了设备的良好运行和使用安全，使用本产品时请严格遵守本说明书的使用要求、规格、规范及行业相关标准

1-1 合格的安装要求

- 安装时应避免雷区、强磁干扰区 and 高压区域。
- 设备采用配电箱包覆式安装，配电箱应做好接地保护，标准参照行业电气安装相关规定。
- 安装应选择通风良好，干燥场所，室外安装要严格做好防雨水、防潮措施。
- 安装的环境温度应维持在 0 度至 35 度的范围内，湿度应维持在 10%至 80% 的范围内。

1-2 合格的操作规范

- 安装、调试、维护、工作人员都已经过培训教育并已合格。
- 新装设备（执行设备），配线前所有控制回路确保都已测试并正常。
- 为了您的人生安全和设备用电安全，配线时确认所有设备用电都已断开，并做好相关防护措施。
- 配线应确保正确牢固，避免因接线问题造成设备损坏和引发火灾的风险。
每个接线端子端口最多可接 1 根线，线径为 (0.5-4) mm²，我们建议将导线的端部绝缘层剥去 8mm 再接入端子。
- 设备上电前务必再次确认接线正确，检查无短路，配电箱或安装固定空间已清理干净再通电调试。
- 设备工作不正常时，请参照故障诊断与排除解决，无法解决时请与供应商联系，切勿私自拆卸处理，造成后果自行承担。

- 如有特殊问题，在不影响生命财产安全时，请妥善保管好现场并及时联系设备供应商，请勿擅自处理。
- 设备需接地，请做好接地处理

第二章 产品介绍

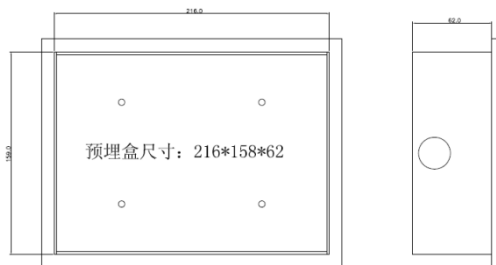
2-1 特点

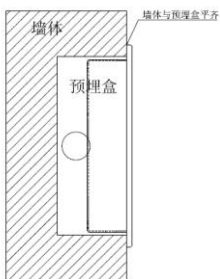
- Orbit 触摸控制屏；
- Orbit 控制，电源与信号输入输出采用二线制无极性安装；
- 与 PLTouch Editor 图控搭配，通过 USB 接口下载编辑好的工程；
- 可自定义画面，界面友好，操作方便；
- 可设置时钟，编辑日程；
- 可绘制手势锁，避免误操作。

2-2 规格

- 电源供应：Orbit 总线供电 DC 24V
- 数字信号：Orbit
- 外观尺寸： PL-CPT01: 235mm(L) *180mm(W)*67mm(H)
预埋盒: 216mm(L) *158mm(W)*62mm(H)
- 重量：1.3 Kg

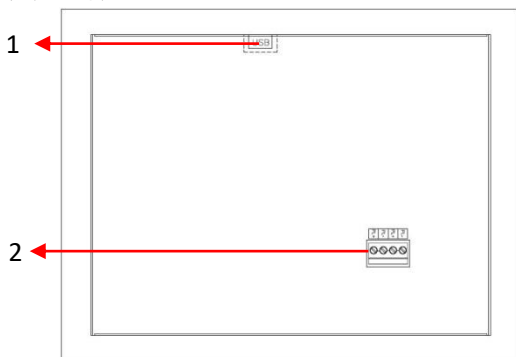
预埋盒尺寸图：





安装要求：墙面与预埋盒平齐

2-3 外观功能简介

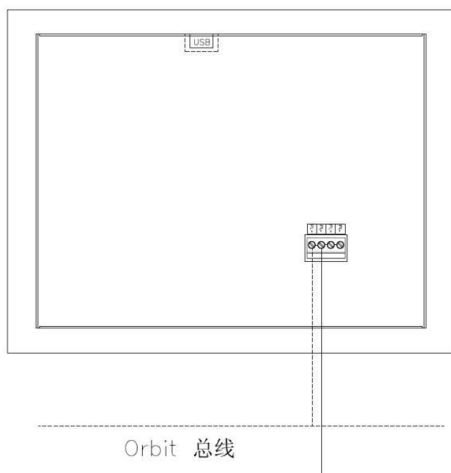


1.USB 接口

通过 PLTouch Editor 图控下载工程

2.Orbit 信号输入输出(DC 24V 输入)

2-4 系统接线图



第三章操作说明

3-1 下载工程

USB 接口插上 USB 线连接 PLTouch Editor 图控，点击 PLTouch Editor 图控的编辑-下载即可：



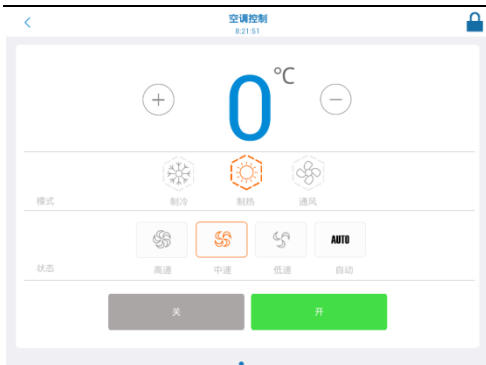
3-2 主界面

工程下载完成后，PL-CPT01 主界面显示如下：



点击设置的区域列表：

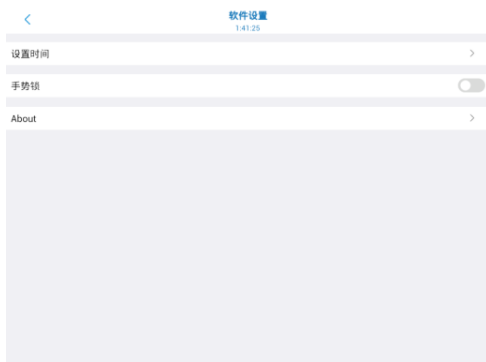




以上界面通过 PLTouch Editor 图控设置，可自定义画面。

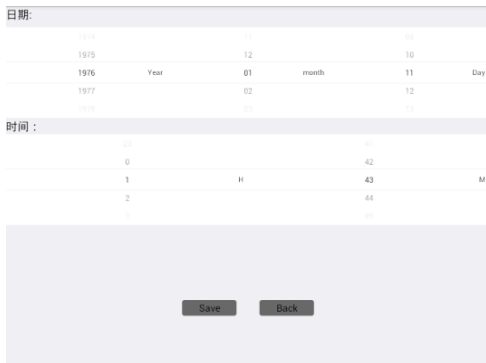
3-3 软件设置

主界面下，点击设置，进入软件设置界面：



设置时间

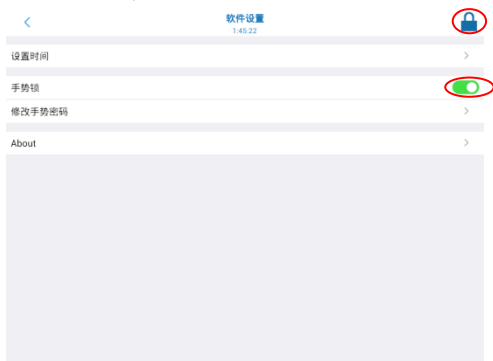
点击设置时间：




设置好后，点击保存按钮。点击返回按钮返回软件设置界面。

绘制手势锁

1、打开手势锁开关：



屏幕右上方显示.

2、点击修改手势密码：

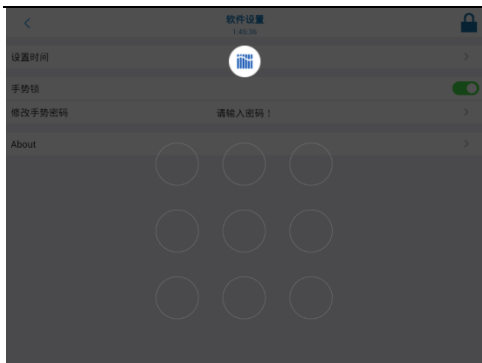


绘制欲设置的手势即可：



点击确定即可。

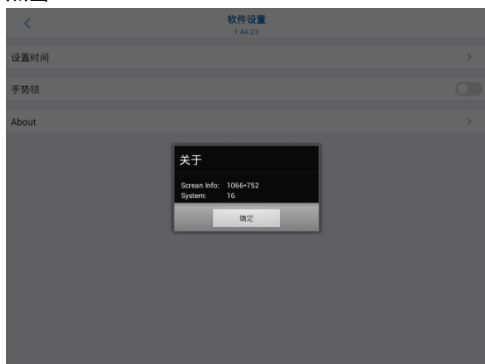
按屏幕右上方的锁键标示，可将屏幕锁定，如需开启，屏幕显示如下：



输入正确的手势即可解锁打开屏幕。

屏幕信息

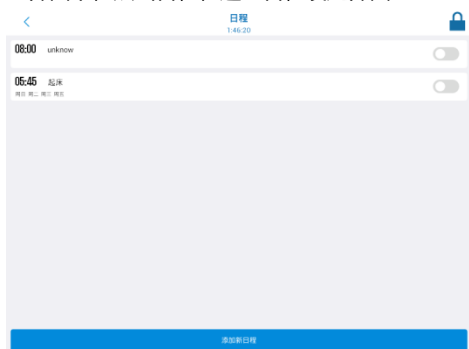
点击 About:



显示屏幕尺寸及系统版本号。

3-4 日程设置

主界面下，点击日程，进入日程设定界面：

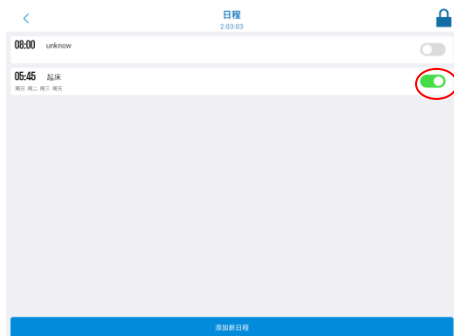


点击添加新日程，进入日程编辑界面：



选择时间，星期，情景，设置完成后点击确定即可。

设置好定时后，需要开启定时开关，定时才能按时执行：



第四章功能故障排查

问题	排除位置及方法	解决办法
屏幕不亮	1.总线端子连接接触不良 2.万用表测试（PL+ PL-）有无电压	1.端子螺丝松开重新锁接 2.查分支处电源供应，分支处总线短路或断路

有限质量保证

本质量保证的范围

- 1.Lite-Puter 只对该产品本身负责。
- 2.Lite-Pute 产品须按国家相关安全规定及使用手册进行安装操作，若非特殊的使用条件和环境温度，均可运作正常。
- 3.自出厂之日起二年内，因材料或制造上的缺陷产品予以维修。

本质量保证不包括的内容

- 1.经 Lite-Puter 认定由于不当使用、意外事件、天灾所导致的损坏或故障，如：
 - A.没有按国家相关安全规定运行；
 - B.没有遵循 Lite-Puter 使用手册内容进行操作；
 - C.非产品规格的使用电压；
 - D.不维持在规定的环境温度；
 - E.人为破坏；
 - F.不当的安装、调整、散热、私自维修、撞击；
 - G.火灾、水灾；
 - H.地震、雷电、火山喷发、海啸及其他不可抗力因素；
- 2.搭配或整合其它非 Lite-Puter 产品所产生的问题。
- 3.安装、卸除、运输、调整、配线、重新安装、重新设定 Lite-Puter 产品的人工及其他产品财产的任何费用。
- 4.请将故障的产品交予经销商或 Lite-Puter 工厂。

0 Caution

Lite-Puter is pioneer of intelligent lighting control with design concept of comfort and energy-saving. Lite-Puter control device is mainly based on DMX512, EDX and Orbit bus system to satisfy the demand of various projects. Before installation, adjustment, and repairing, please make sure that you get full idea of this user manual in case unnecessary trouble and extra expense loss. This manual is only for the device.

1 Before Installation

Please strictly obey the requirements, specifications and obligations of this user manual as well as related standard so as to keep well operation and safety use.

1-1 Qualified Installation requirements

- 1.To avoid minefield, strong magnetic interference area and high voltage area when being installed.
- 2.The device is installed in distribution box, which should be protected by grounding, and the standards are refer to related obligations by Industry Electric Installation
- 3.Good ventilation and dry environment is required; water-proof measurement of outer installation should be strictly taken
- 4.The environment temperature of the installed device must be 0°C -35°C and the humidity should be maintained from 10% to 80%.

1-2 Qualified Operation Specifications

1. The personnel for installation, adjustment and repairing are already trained and qualified.
2. All control channels are confirmed to be tested and normal before wiring.
3. Make sure that all force electricity has been disconnected when wiring to protect you.
4. Wiring should be correct and fixed in order to avoid the device damage and fire risk by wiring failure.No more than 1 wire should be connected to each terminal, wire diameter is 0.5~4 mm², and it is suggested that insulating layer should be striped by 8mm before connecting the terminal.
- 5.Reconfirm the accuracy of wiring before powered on and confirm no short-circuit; clean the distribution box and then test.
- 6.When the device is abnormally operated, please refer to Troubleshooting, if it cannot help, contact the supplier. Lite-Puter is not responsible for demolition caused byprivatelydisassemble.
- 7.In the case of special condition, please contact the supplier immediately without effecting safety of life and property.
- 8.The equipment needs to be grounded. Please do a good job of grounding treatment.

2 Introduction

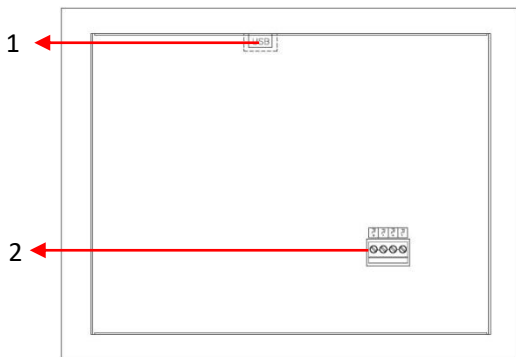
2-1 Features

- By Orbit.X protocol. Two way and non-polarity installation.
- Can customized user interface by PLTouch Editor Software and upload via USB connector.
- User friendly and easy to access.
- Can set timer schedule and recall scene automatically.
- Can set motion launch gesture.

2-2 Specifications

- Power Input: Orbit.X DC 24V
- Digital Signal: Orbit.X
- Dimension: 235 (L) * 180 (W) * 67 (H) mm
- Installation: Embedded Box 216(L)*158(W)*62(H) mm
- Weight: 1.3 Kg

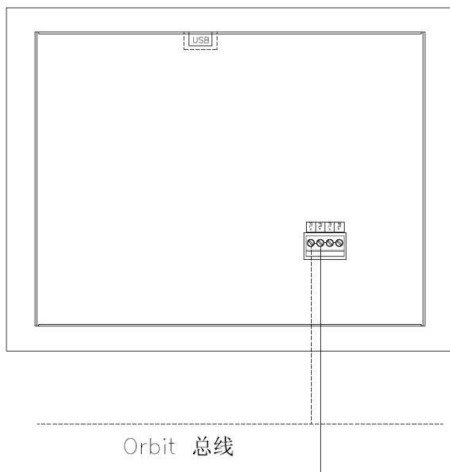
2-3 Dimensions



- 1 USB connector: upload edited interface via PLTouch Editor Software.
- 2 Orbit.X signal input/output (DC 24V input)

Editor

2-4 Diagrams



3 Operation Guide

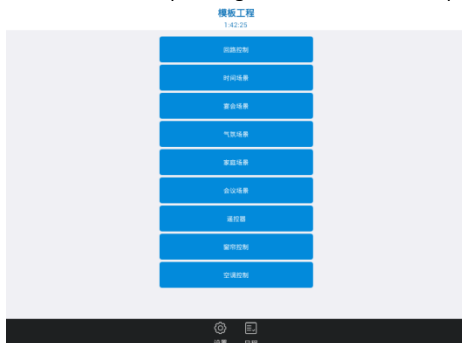
3-1 Upload

Connect PL-CPT01 and the PC via USB connector. Open PLTouch Editor Software and choose Edit- Download from the title bar.



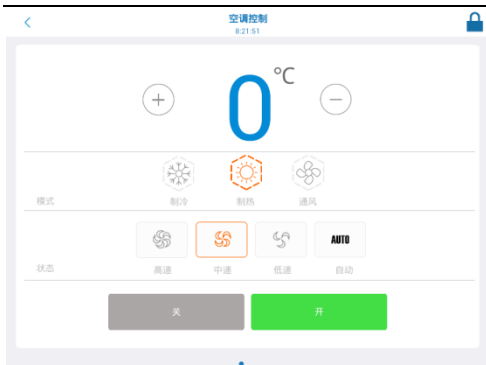
3-2 Main Page

After the interface uploading to PL-CPT01, the main page will show as below:



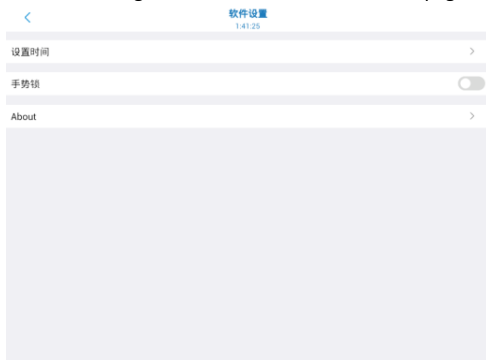
Clicking the buttons on the main page will lead to each control panel, which is preset on the PLTouch Editor Software.



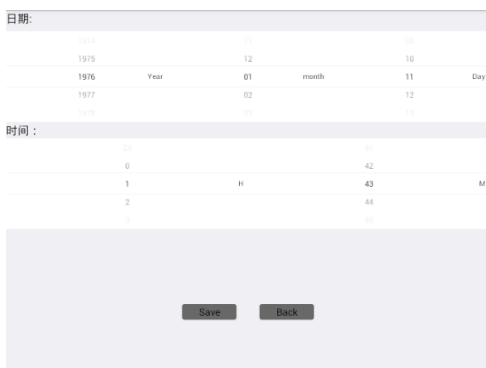


3-3 Software Setting

Click the setting icon on the bottom of the main page.




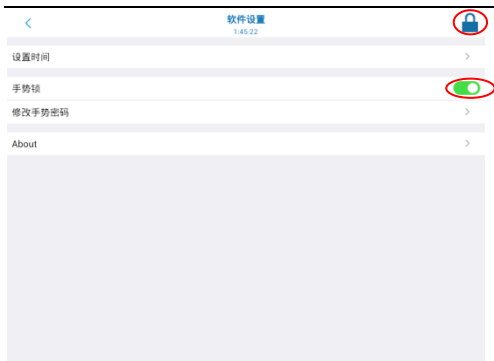
Time Setting



Click Save after down the setting. Go back to the main page by clicking Back.


Draw the Motion Launch Gesture

Step 1: Turn on the Motion Launch option and the upper-right corner of the screen will show an icon 



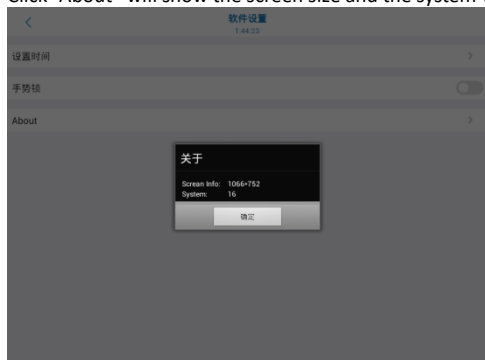
Step 2: Click “Change Motion Launch Gesture” and draw the desired gesture.



After setting, click the  icon and the screen will be locked. To unlock, just touch the screen and draw the correct gesture.

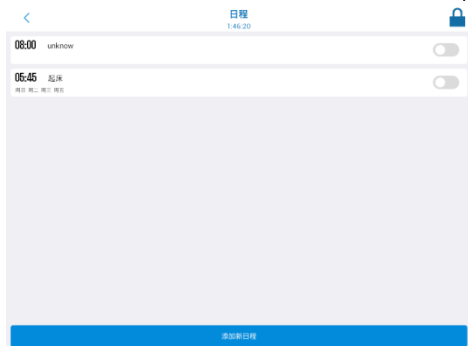
System Information

Click “About” will show the screen size and the system version No.



3-4 Timer Schedule Setting

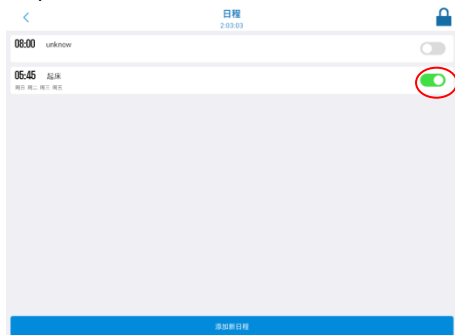
Click the “Schedule” icon on the bottom of the main page.



Click “Add New Schedule”:



Select time, weekday and scenario (Wake up or Rest). Click “Enter”.
Only when the schedule is turn on, the timer will be activated.



4 Troubleshooting

Trouble	Possible causes	Solutions
No display	1.Bus terminals bad connection. 2.Use multimeter to check the voltage of PL+ and PL-	1.Recrew the screw terminal. 2.Check the power supply of the bus.

Limited Warranty

The Coverage :

Lite-Puter is only responsible for the Product itself.

The Product must be installed according to the National electrical safety requirements and the user manual. Avoid installing the Product in extreme environment or temperature.

The limited warranty commences on the date of purchase. During the limited warranty period, which is two years, Lite-Puterguarantees repairing any material or manufacturing defects.

The Exclusion :

Any damage or fault caused by improper usage, accident and disaster affirmed by Lite-Puter, includes but not limited to:

Not operated according to the National electrical safety requirements

Not installed according to the user manual of Lite-Puter

Wrong voltage input

Not maintained in the required temperature

Artificial damage

Improper installation, adjustment, heat radiation, impact and unauthorized maintenance

Fire and flood

Earthquake, thunder attack, volcanic eruption, tsunami and any factors beyond human control

The problems arisen from integrating the Product with other brand products.

Labor costs and expenses incurred in installation, dismounting, transport, adjustment, wiring, reinstallation and reset of the Product.

Please deliver the defective product to Lite-Puter distributors or Lite-Puter factory.

台湾总公司：
咏真实业股份有限公司
地址：台北市内湖区港墘路189号11楼
邮编：11494
电话：+886-2-27998099
传真：+886-2-27993828
网址：www.liteputer.com.tw
邮箱：sales@liteputer.com.tw
上海分公司：
永林电子（上海）有限公司
地址：上海市闵行区兴梅路375号
邮编：200237
电话：+86-21-54408210
传真：+86-21-54403376
网址：www.liteputer.com.tw
邮箱：sales_china@liteputer.com.tw

World Headquarters:
Lite-Puter Enterprise Co., Ltd.
Address: 11F, No. 189, Gangqian Rd., Neihu Dist., Taipei City 11494, Taiwan.
Tel: +886-2-27998099
Fax: +886-2-27993828
Website: www.liteputer.com.tw
E-mail: sales@liteputer.com.tw
Shanghai Factory:
Lite-Puter Technology (Shanghai) Co., Ltd.
Address: No. 375, Xingmei Rd., Minhang Dist., Shanghai, China
Zip Code: 200237
Tel: +86-21-54408210
Fax: +86-21-54403376
Website: www.liteputer.com.tw
E-mail: sales_china@liteputer.com.tw