

CREALITY

V1.0

星云屏使用说明书



SHENZHEN CREALITY 3D TECHNOLOGY CO., LTD.

使用须知

1. 请严格按本说明书使用产品, 避免造成意外的人身伤害和财产损失;
2. 请将本机放置在通风、阴凉、少尘的环境中, 远离易燃易爆物或高热源环境;
3. 请勿将本产品放置在震动或者其它不稳定的环境中;
4. 请定期在断电的情况下用干布对机身做清洁;
5. 使用者应遵守设备所在地国家、地区法律法规, 恪守职业道德, 注意安全, 严禁将我司的产品或设备使用在任何非法用途上。如有违反, 产生的相关法律责任我司概不负责。

固件升级：

1. Wifi 固件升级：可通过创想云 APP OTA 升级；
2. 设备固件升级：可登录官网下载中心
<https://www.creality.com/pages/downloadEcosystem> 下载最新固件

1. 产品说明

产品名称:	Creality Nebula Pad
产品型号:	N-Pad 01
主控芯片:	双核 1.2GHz
存储内存:	8G
屏幕类型:	IPS
屏幕尺寸:	4.3inch
屏幕分辨率:	272*480
操控方式:	电阻触摸
Wifi 协议:	802.11b/g/n
USB 接口:	USB2.0
额定电压:	5V
振动传感器:	有
断电续打:	支持
断料检测:	支持
支持语言:	10 国语言:
产品尺寸:	133.17*83.3*19.6mm
净重:	145g

*10国语言（中，英，日，德，法，意，西，葡，俄罗斯，土耳其）

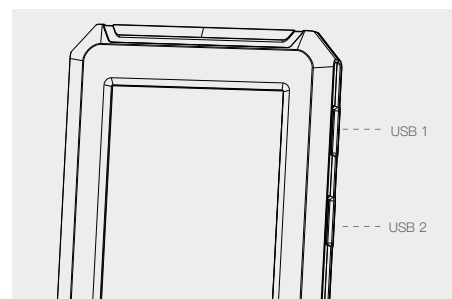
产品名称:	AI 激光雷达
产品型号:	LP1
工作电压:	DC 4.5V~7V
工作功耗:	平均 :<0.5W 峰值 :<0.7W
通讯方式:	USB 通讯
安全性:	Class 1
工作温度:	0℃~60℃
产品尺寸:	48*20*30.64mm
净重:	18g

2. 包装清单

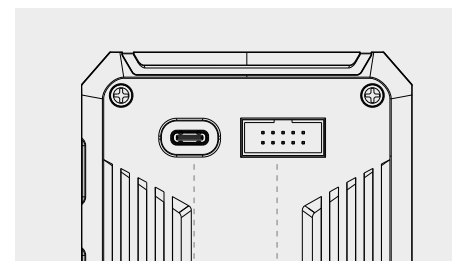
1. 星云屏	x1
2. AI 激光雷达	x1
3. U 盘	x1
4. 激光雷达连接线	x1
5. G-Sensor 连接线	x1
6. G-Sensor	x1
7. 激光雷达支架	x3

8. 标定板支架	x1
9. 垫片	x1
10. 标定贴纸	x8
11. 内六角平圆头螺丝 M3*4	x2
12. 内六角平圆头螺丝 M3*6	x4
13. 内六角平圆头螺丝 M3*8	x4
14. 内六角平圆头螺丝 M5*10	x3
15. M5 船型螺母	x3
16. 扎带	x5

3. 产品视图及接口说明



02

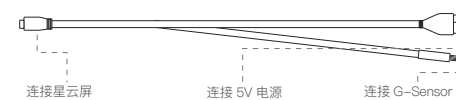


G-sensor 接口 打印机连接线接口

激光雷达连接线



G-Sensor连接线



4. 组装步骤（以Ender-3 V2 Neo机型为例）

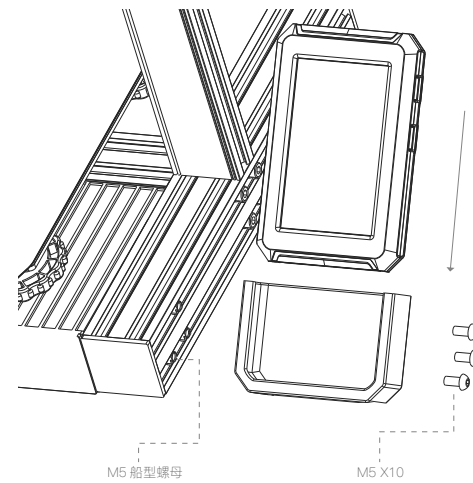
4.1 屏幕安装

在 U 盘或官网下载中心获取支架 stl 模型并打印；

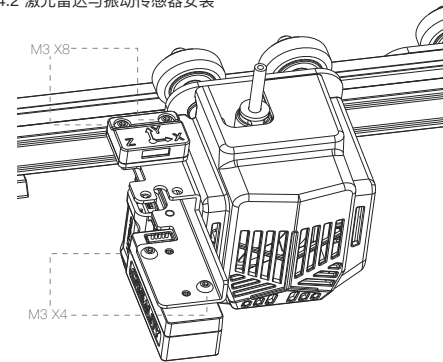
将屏幕支架放置于右边型材侧面，使用 3 颗 M5X10 螺丝和船型螺母拧紧固定；

将屏幕对准支架向下滑动卡紧；

连接显示屏接线。

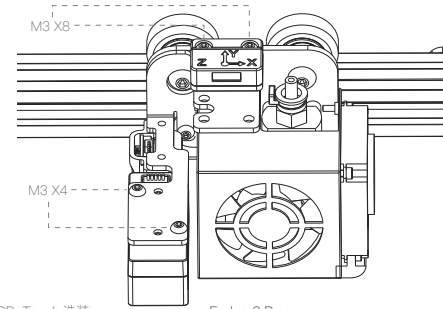


4.2 激光雷达与振动传感器安装



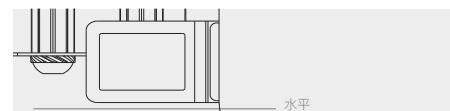
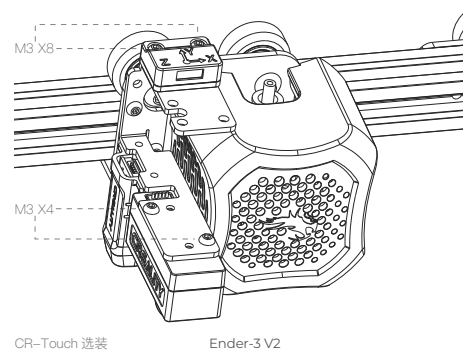
CR-Touch 选装

Ender-3 V2 Neo



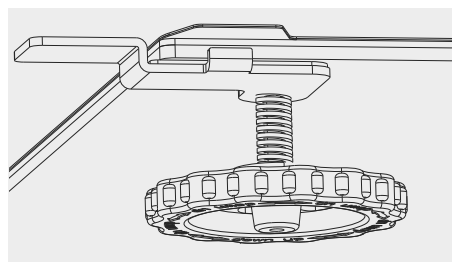
CR-Touch 选装

Ender-3 Pro



4.3 标定板安装

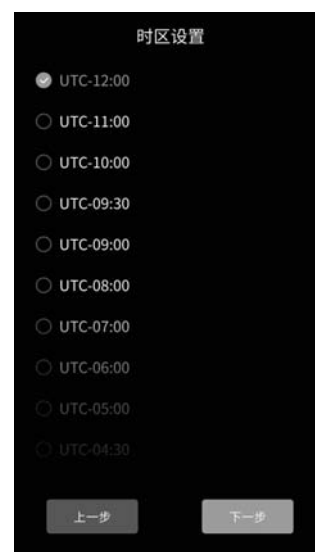
拧出平台板前侧两个手拧螺母后，撕开标定板支架保护膜，将支架粘贴在平台板左侧位置，再将手拧螺母安装回原位，安装后如下图(标定贴纸如有损坏，请及时更换)



5. 开机引导与设备界面简介

5.1 开机引导

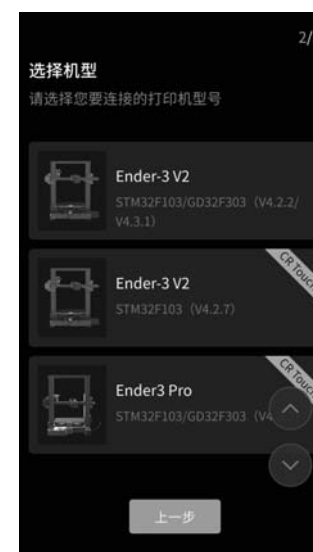




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注意：
当前界面仅供参考，由于功能不断升级，
实际以官网最新软件 / 固件 UI 为准。

5.2 打印机自检





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温馨提示:

若自检过程中出现异常,可先参考 FAQ 来检查机器故障原因;或扫描二维码进行“故障上报”,后续通过售后,解决机器故障。

注意:

当前界面仅供参考,由于功能不断升级,实际以官网最新软件固件 UI 为准。

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5.3 设备界面简介



注意：

当前界面仅供参考，由于功能
不断升级，实际以官网最新软件 /
固件 UI 为准。



准备

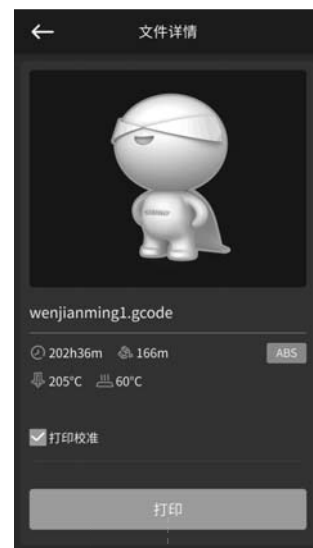
可通过准备界面进行轴移动 / 温度进退料、模型风扇冷却等功能设置。



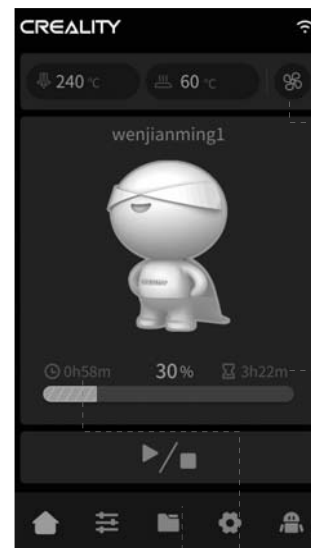
长按模型可多选并复制到 U 盘
* 最多可复制 3 个模型

打印文件预览

可通过打印文件预览界面管理本地及 U 盘模型文件。



点击模型文件即可进入文件详情
* 勾选打印校准可提高打印质量。



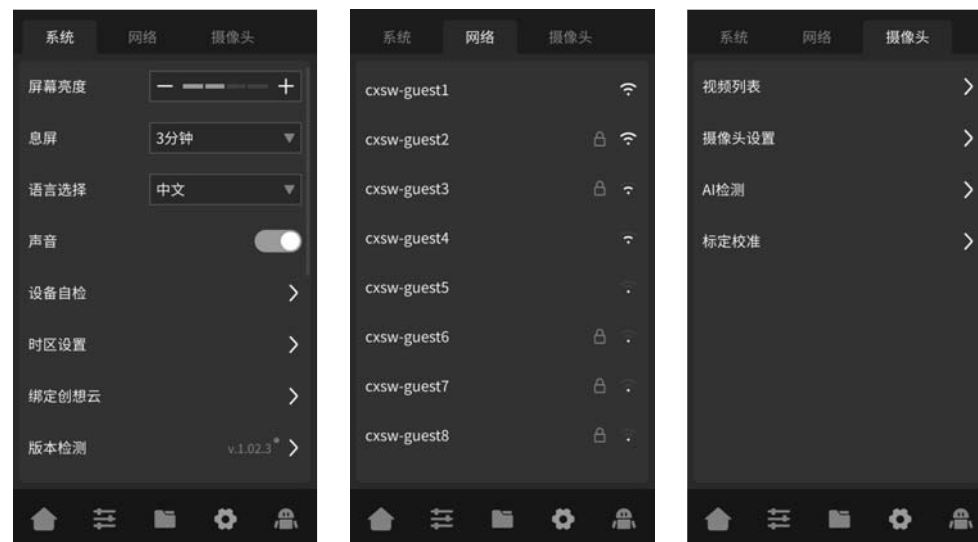
打印界面

打印时间

模型风扇开关

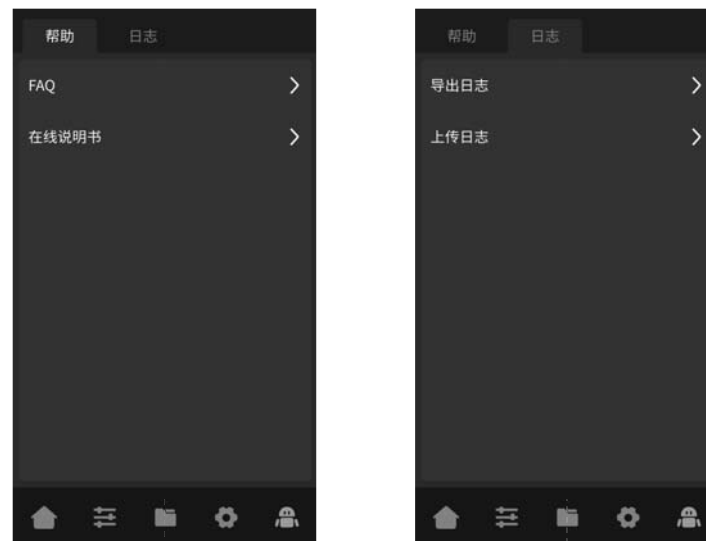
剩余时间

注意：当前界面仅供参考，由于功能不断升级，实际以官网最新软件 / 固件 UI 为准。



设置

可通过设置界面进行机器系统、网络、摄像头等功能设置。



打印界面

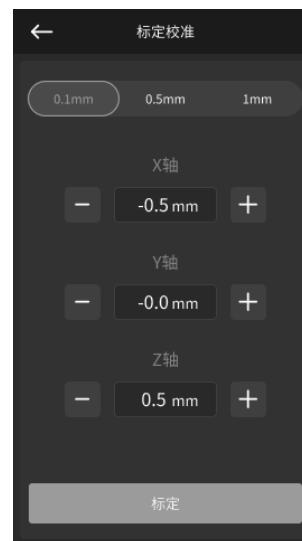
可通过客服界面查看 FAQ、说明书以及日志管理等内容。

注意：

当前界面仅供参考，由于功能不断升级，实际以官网最新软件 / 固件 UI 为准。

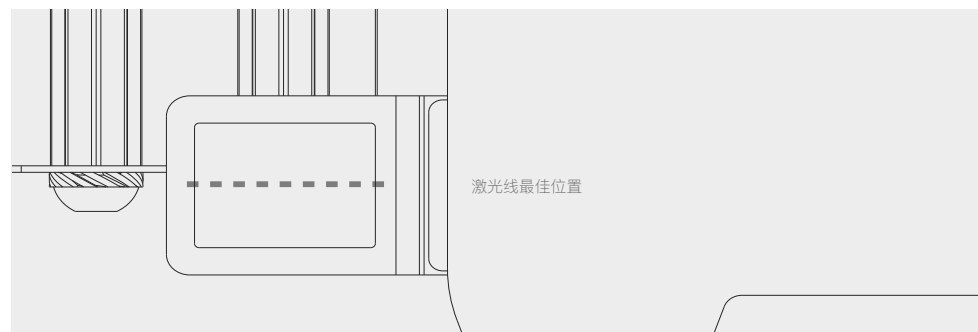
5.4 激光雷达标定校准

注：如使用激光雷达相关功能请将平台板更换为黑色 PEI 平台板或黑色平台贴纸，使用其他颜色或玻璃材质的平台板会导致激光雷达相关功能失效。



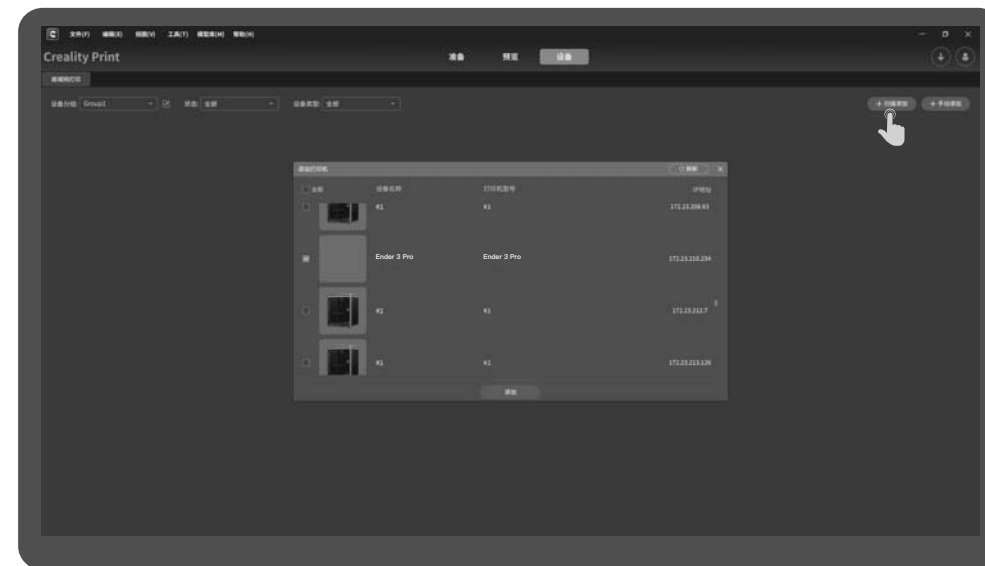
进入设置—摄像头—标定校准

如标定失败, 可通过调整 XYZ 位置将激光雷达对准标定贴纸, 确保激光线居中

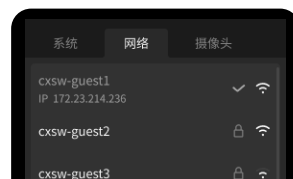


6. 远程控制

6.1 在 Creality Print 切片软件内设备界面

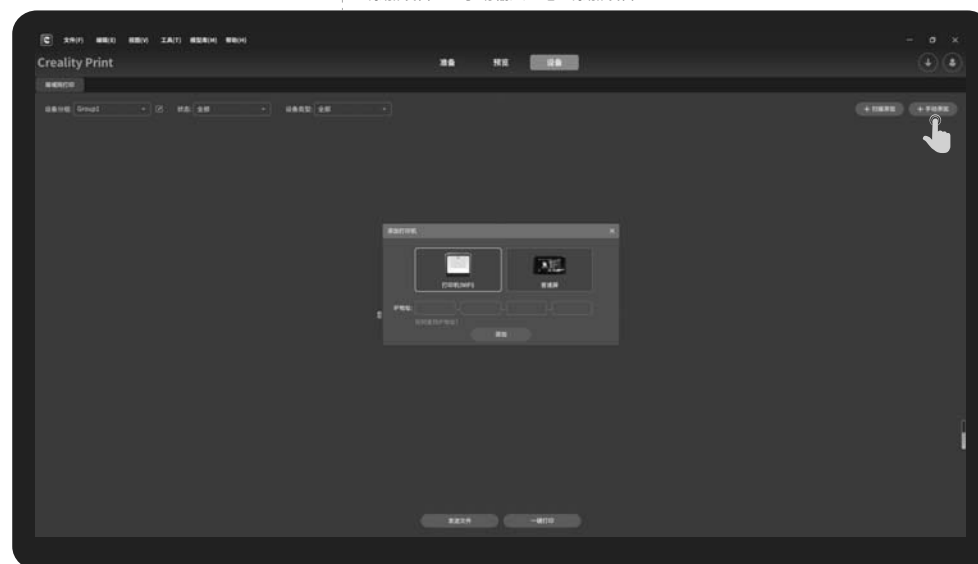


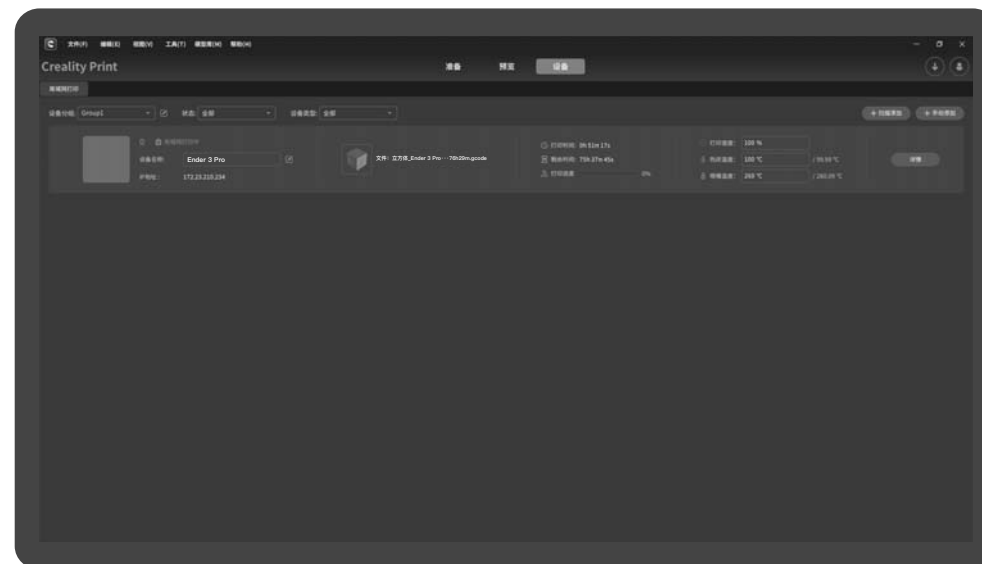
添加设备：a.扫描添加→选择设备



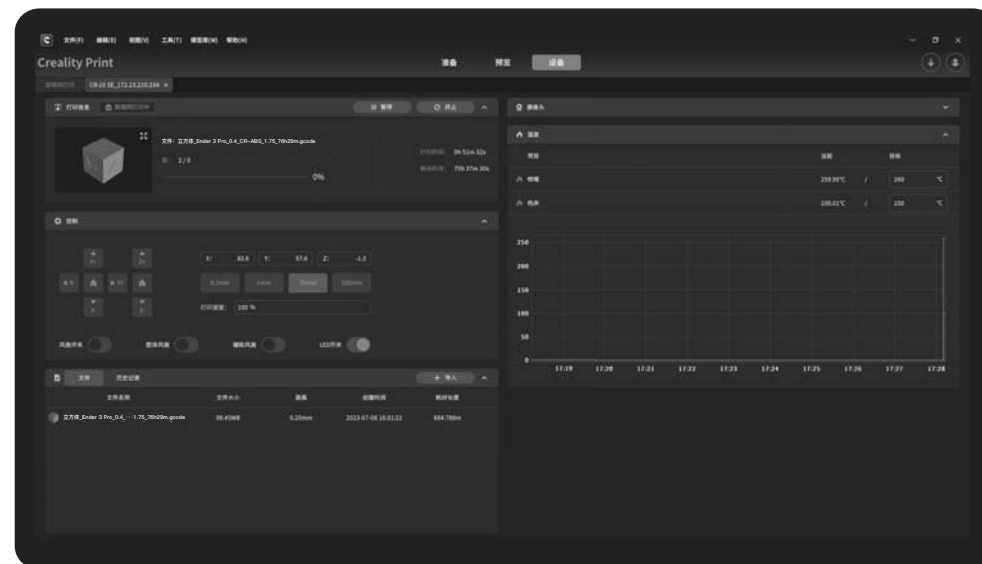
点击“设置”→“网络”，选中所连网络即可查看 IP 地址

添加设备：b.手动输入IP地址添加设备





设备列表



设备打印信息详情

注意：当前界面仅供参考,由于功能不断升级,实际以官网最新软件 / 固件 UI 为准。

6.2 创想云 APP 控制

在星云屏上绑定创想云账号后即可通过 app 远程控制



中国制造



加入Facebook社区

<https://www.facebook.com/groups/sonicpad>

400-6133 882

cs@creality.com

深圳市创想三维科技股份有限公司

公司官网: www.creality.cn 服务热线: 400 6133 882

电子邮箱: cs@creality.com

办公地址: 深圳市龙华区民治街道新牛社区梅龙大道锦绣鸿都大厦18F

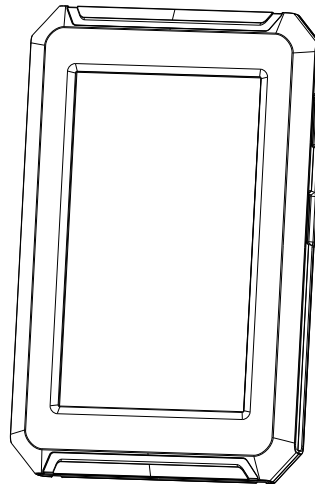
工厂地址: 深圳市龙华区大浪街道浪口社区华旺路156号厂房



CREALITY

V1.0

Creality Nebula Pad Instruction Manual



SHENZHEN CREALITY 3D TECHNOLOGY CO., LTD.

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Precautions for use

1. Please use the product strictly in accordance with this manual to avoid personal injury and property damage.
2. Do not place the machine near any heat source or flammable or explosive objects. We suggest placing it in a well-ventilated, low-dust environment.
3. Please use the power adapter that comes with the machine to prevent damage to the machine.
4. Do not place this product in a vibration or unstable environment.
5. Please power off to clean the product regularly.
6. Users should comply with the laws and regulations of the corresponding countries and regions where the equipment is located (used), abide by professional ethics, pay attention to safety obligations, and strictly prohibit the use of our products or equipment for any illegal purposes. Creality will not be responsible for any violators' legal liability under any circumstance.

Firmware upgrade

1. Wifi firmware upgrade: OTA upgrade through Creality cloud APP;
2. Device firmware upgrade: Go to the official website download center to download the latest firmware
<https://www.creality.com/pages/downloadEcosystem>

1. Product description

Product name:	Crealty Nebula PadN
Product model:	N-Pad 01
Main control chip:	dual-core 1.2GHz
Storage memory:	8G
Screen type:	IPS
Screen size:	4.3inch
Screen resolution:	272*480
Touchl mode:	resistive touch
WiFi protocol:	802.11b/g/n
USB interface:	USB2.0
Rated voltage:	5V
Vibration sensor:	Yes
Resume printing:	support
Filament run-out detection:	support
Supported languages:	10 languages
Product size:	133.17*83.3*19.6mm
Net weight:	145g

*10 languages

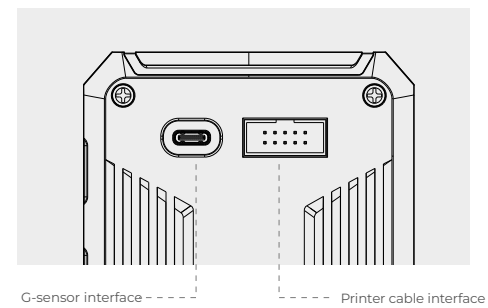
(Chinese, English, Japanese, German, French, Italian, Spanish, Portuguese, Russian, Turkish)

Product name:	AI LiDAR
Product model:	LP1
Voltage:	DC 4.5V~7V
Power consumption:	average: <0.5W peak: <0.7W
Communication method:	USB communication
Security:	class 1
Operating temperature:	0°C~60°C
Product size:	48*20*30.64mm
Net weight:	18g

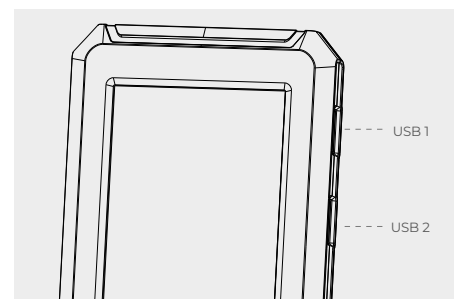
2. Packing list

1.Nebula pad	x1
2. AI LiDAR	x1
3. U disk	x1
4. AI LiDAR cable	x1
5. G-Sensor cable	x1
6. G-Sensor	x1
7. AI LiDAR bracket	x3

8. Calibration plate bracket	x1
9. Gasket	x1
10. Calibration sticker	x8
11. Hexagon socket head screw M3*4	x2
12. Hexagon socket head screw M3*6	x4
13. Hexagon socket head screw M3*8	x4
14. Hexagon socket head screw M5*10	x3
15. M5 T-nut	x3
16. Cable tie	x5



3.Product view and interface description

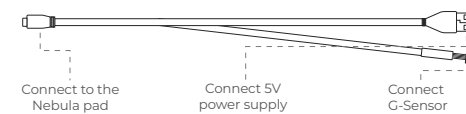


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LiDAR cable



G-Sensor cable



4. Installation steps(take Ender-3 V2 Neo as an example)

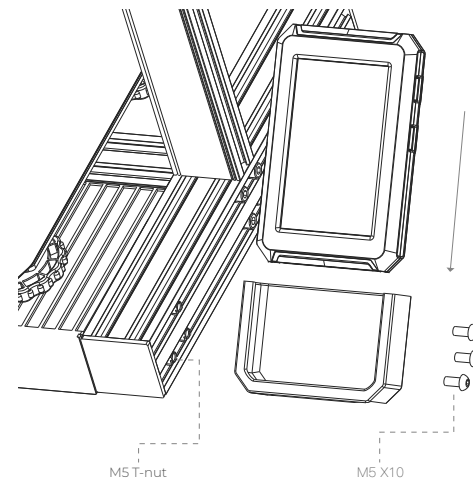
4.1 Nebula pad installation

Obtain and print the bracket stl model in the U disk or the official website download center;

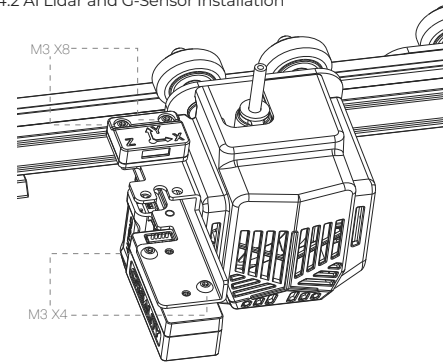
Place the screen bracket on the side of the profile on the right, and tighten it with 3 M5X10 screws and T-nuts;

Align the Nebula pad with the bracket and slide down to lock it tightly

Connect the display cable.

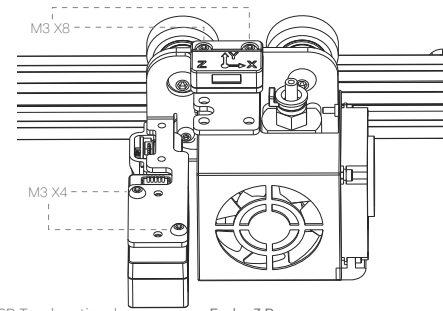


4.2 AI Lidar and G-Sensor Installation



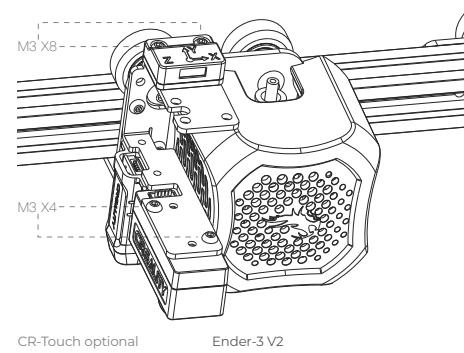
CR-Touch optional

Ender-3 V2 Neo



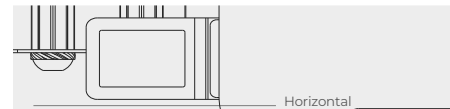
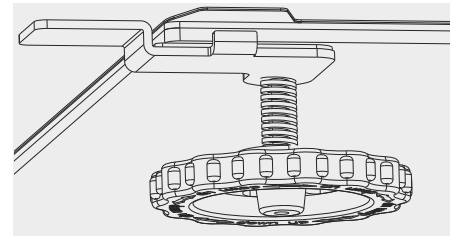
CR-Touch optional

Ender-3 Pro



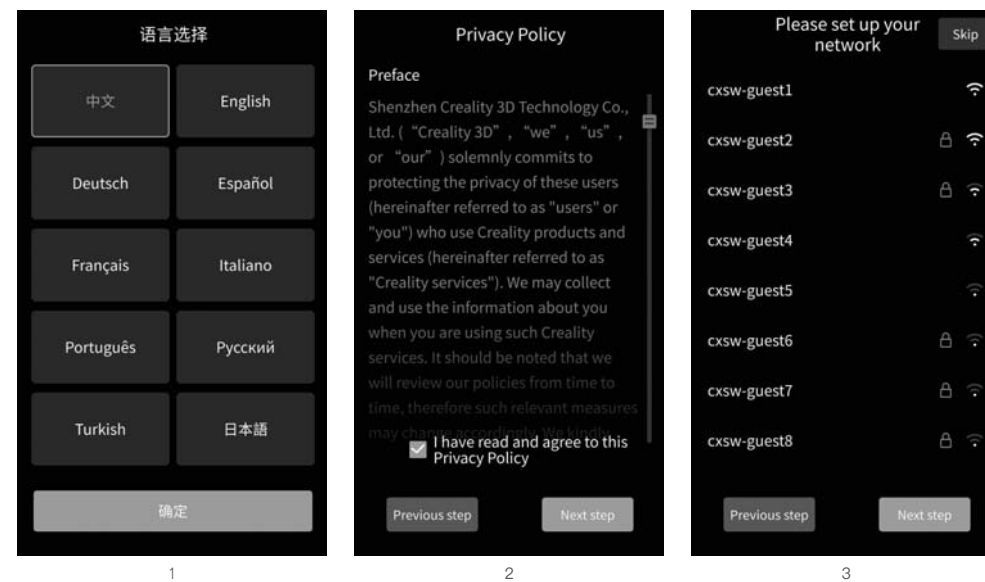
4.3 Calibration plate installation

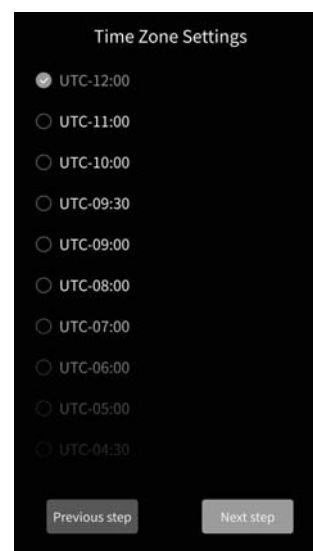
Remove the two leveling nuts on the front of the heated bed, tear off the protective film of the calibration plate bracket, paste the bracket on the left side of the heated bed, and then install the leveling nuts back to the original position, as shown in the figure after installation (if the calibration sticker is damaged, Please replace it in time)



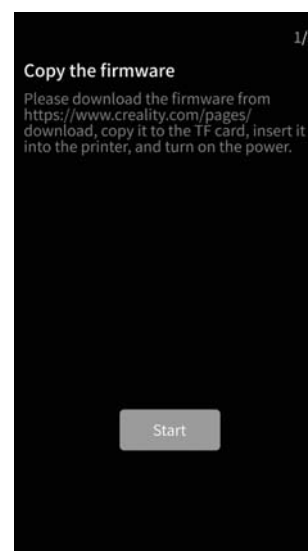
5. Boot guide and device interface introduction

5.1 Boot guide

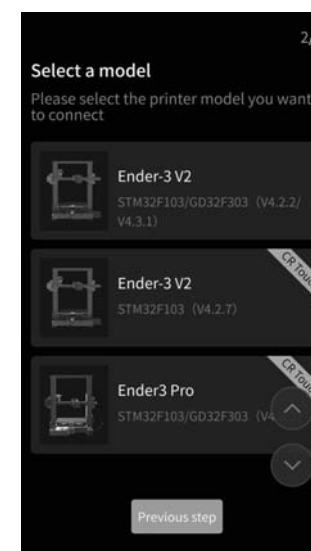




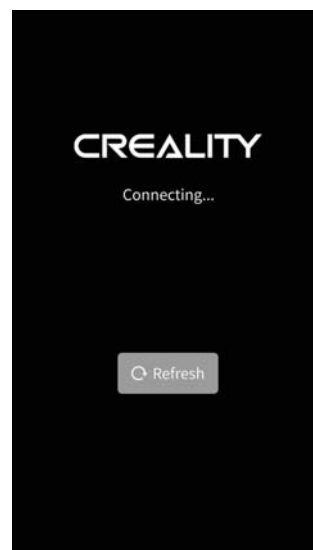
4



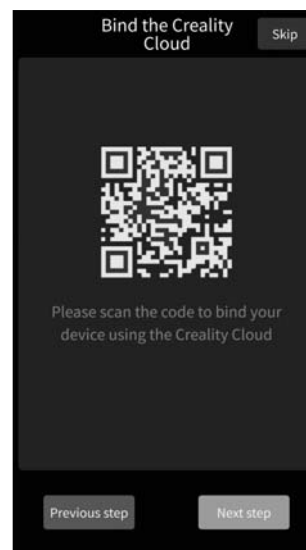
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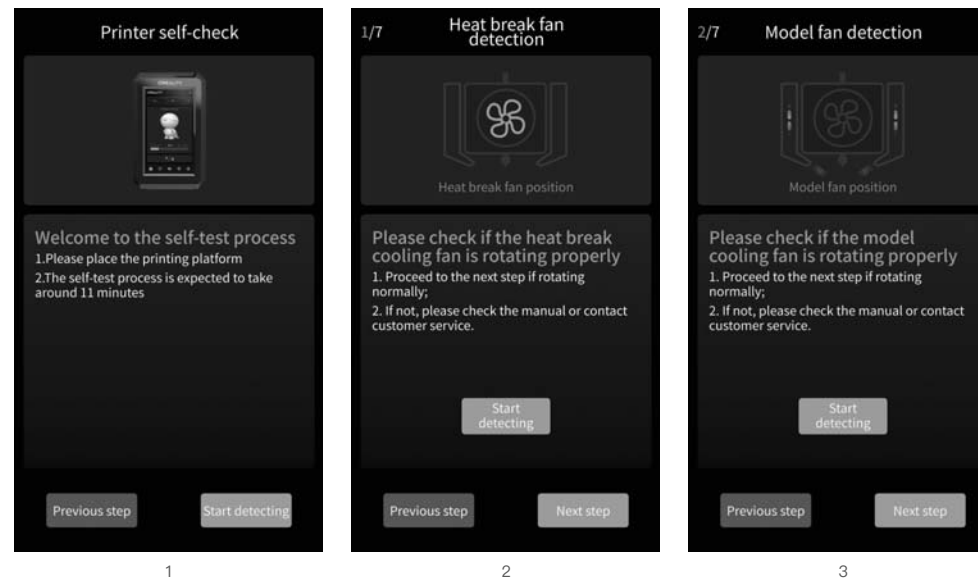


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Notice:

The current UI is for reference only. As the firmware is constantly being upgraded, please refer to the latest firmware UI on the official website.

5.2 Printer self-test

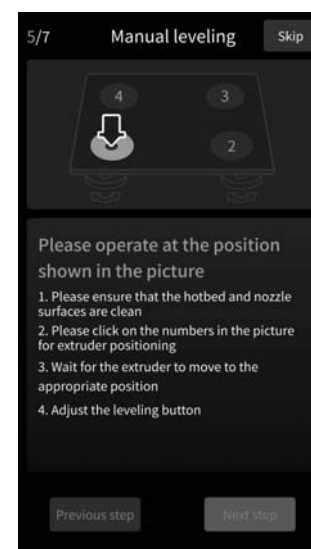




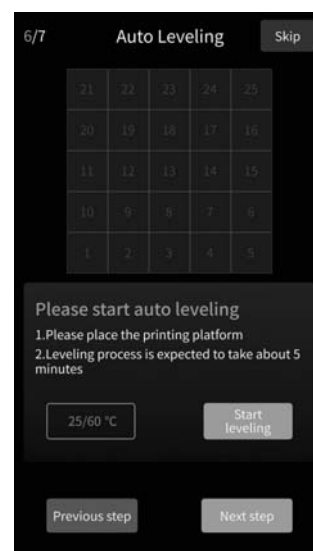
4



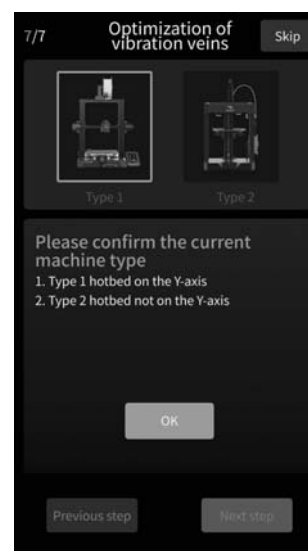
5



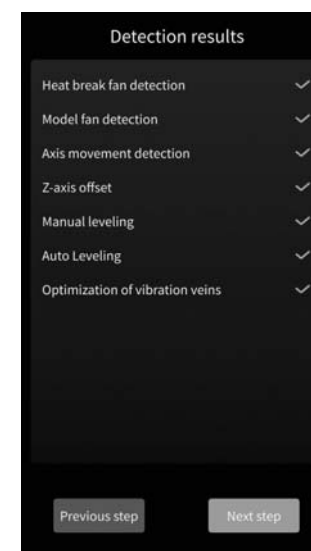
6



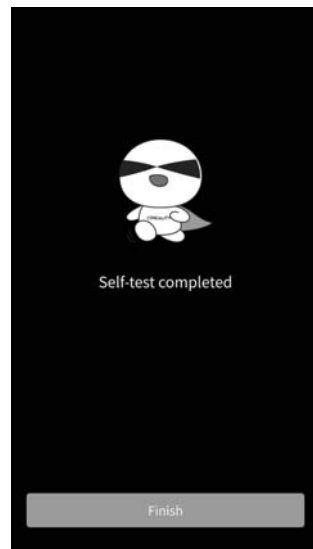
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10

Warm reminder:

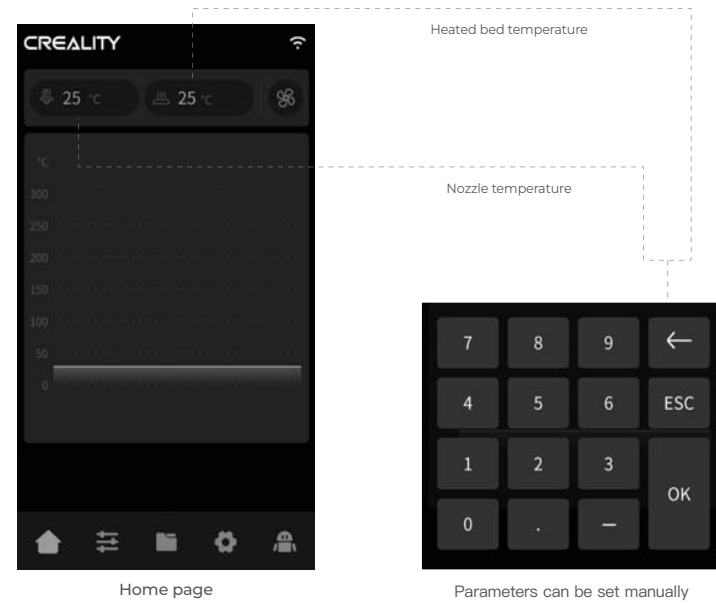
If there is an abnormality during the self-inspection, you can first refer to the FAQ to find the cause of the fault; or scan the QR code to report the fault, and then solve the fault through after-sales service

Notice:

The current UI is for reference only. As the firmware is constantly being upgraded, please refer to the latest firmware UI on the official website.

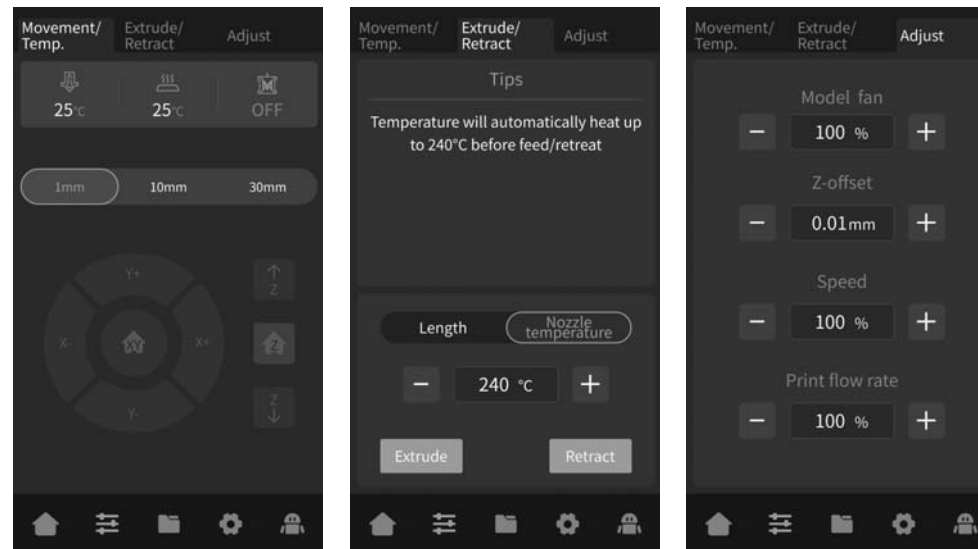
11

5.3 Device interface introduction



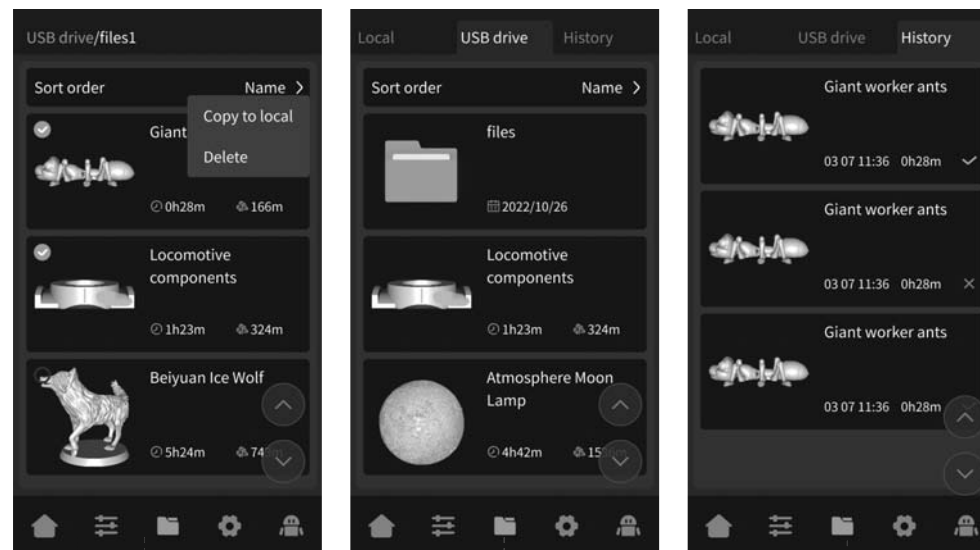
Notice:

The current UI is for reference only. As the firmware is constantly being upgraded, please refer to the latest firmware UI on the official website.



Preparation

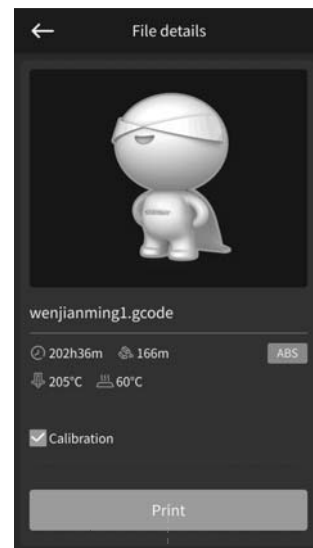
Function settings such as axis movement/temperature/feed and retreat, model fan cooling, etc. can be set through the preparation interface.



Long press the model to select multiple and copy to the USB drive.
*Can copy up to 3 models

Print file preview

Local and USB drive model files can be managed on the print file preview interface



Notice:

The current UI is for reference only. As the firmware is constantly being upgraded, please refer to the latest firmware UI on the official website.

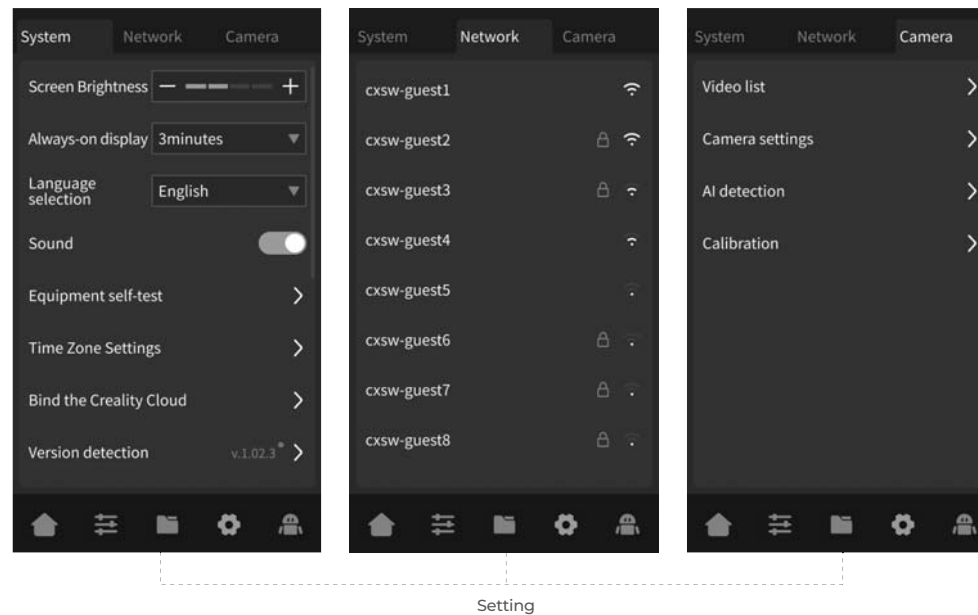
Click on the model file to view the file details
*Tick Print Calibration to improve print quality.

Print page

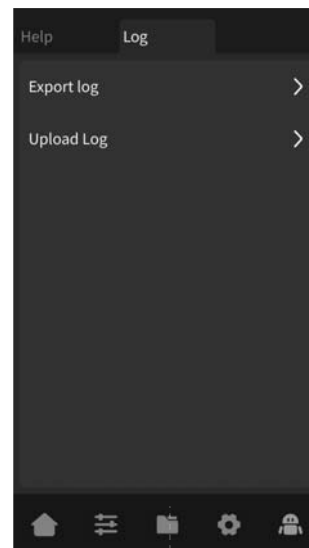
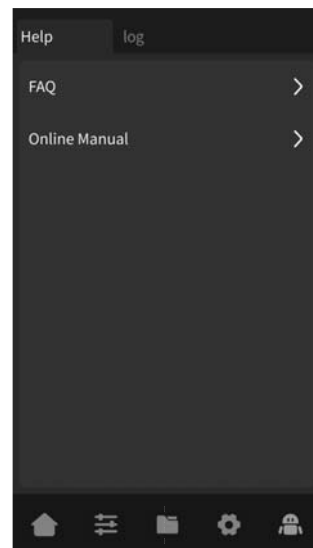
Print time

The remaining time

Model fan on/off



Function settings such as Nebula pad system, network, and camera can be set through the Setting.



Notice:

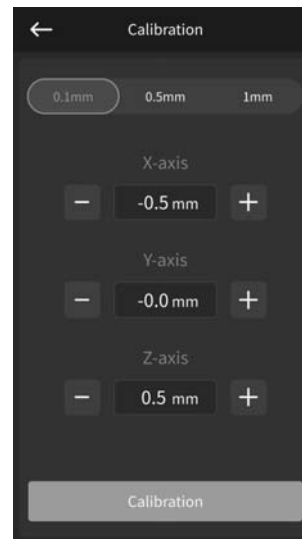
The current UI is for reference only. As the firmware is constantly being upgraded, please refer to the latest firmware UI on the official website.

Print page

You can view FAQs, manuals, and log management through the customer service page.

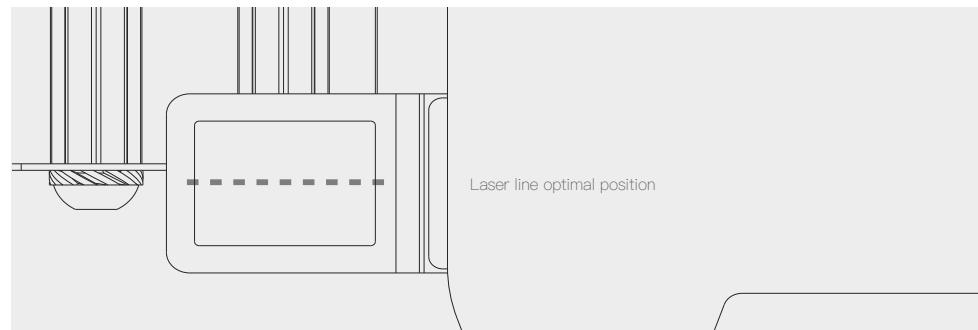
5.4 AI LiDAR calibration

Note: If you want to use lidar related functions, please replace the build plate with black PEI or black sticker build plate. Using build plates made of other colors or glass will cause lidar-related functions to fail.



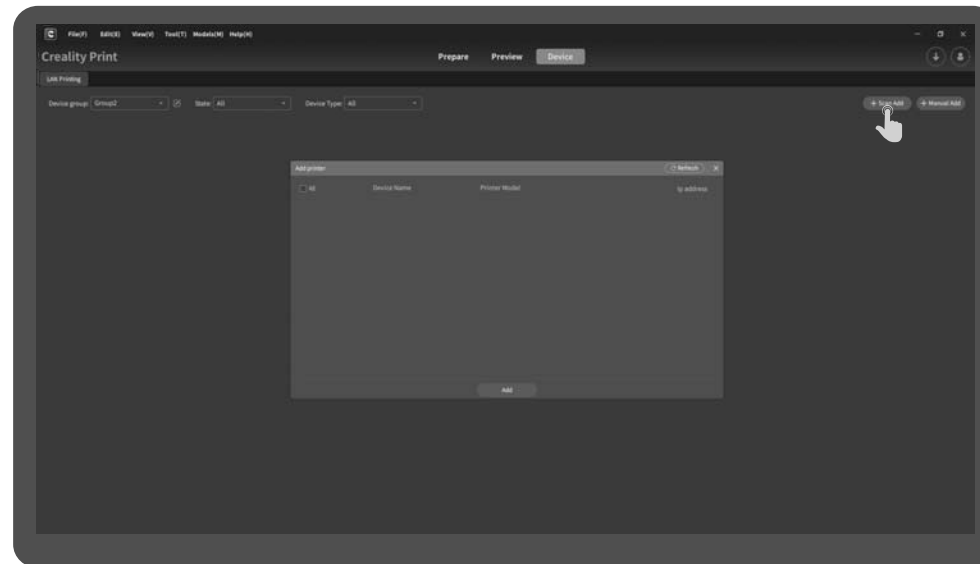
Go to Settings—Camera—Calibration

If the calibration fails, adjust the XYZ position, align the lidar with the calibration sticker, and make sure the laser line is centered

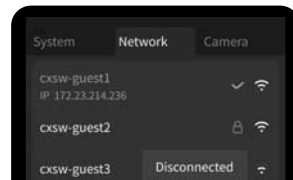


6. Remote control

6.1 Device interface in Creality Print slicing software

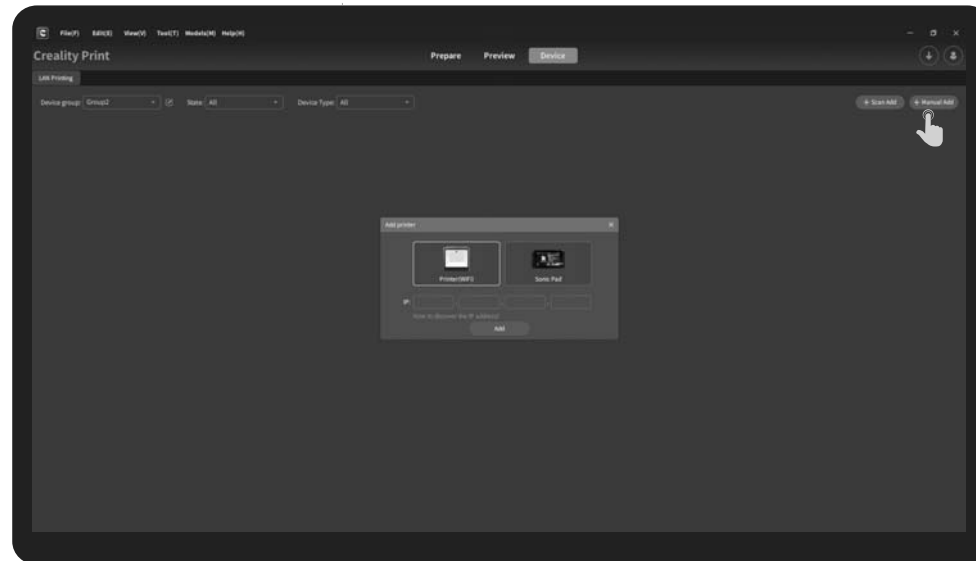


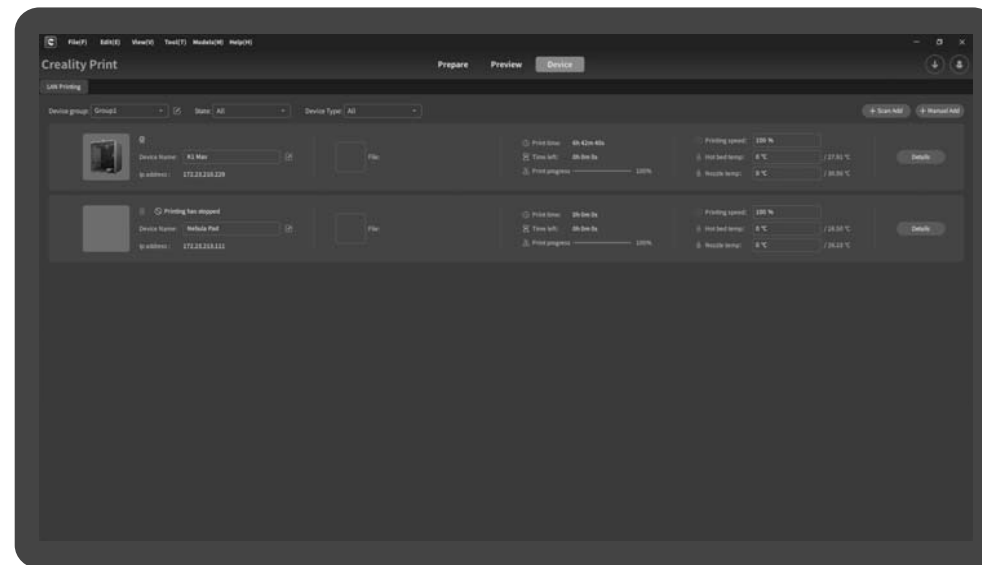
Add device: a. Scan to add → select device



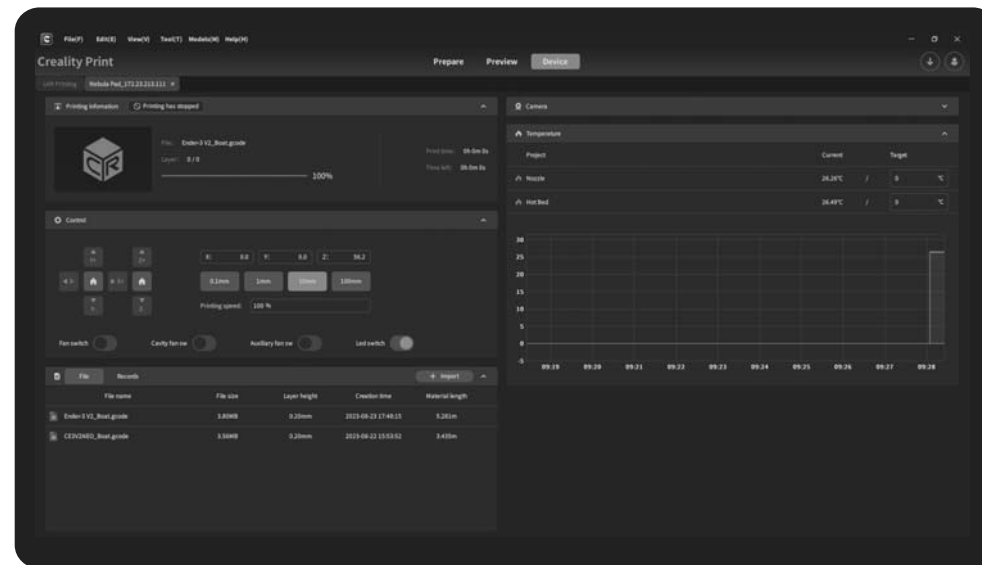
Click "Settings" → "Network", select the connected network to view the IP address

Add device: b. Manually enter the IP address to add the device





Device list



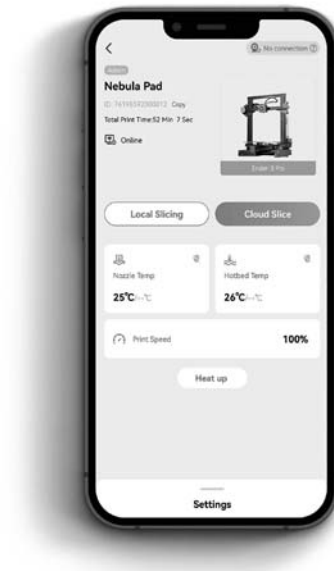
Device print information details

Notice

The current UI is for reference only. As the firmware is constantly being upgraded, please refer to the latest firmware UI on the official website.

6.2 Creality cloud APP control

After binding the Creality cloud account on the Creality Nebula Pad, you can remotely control it through the app



MADE IN CHINA



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