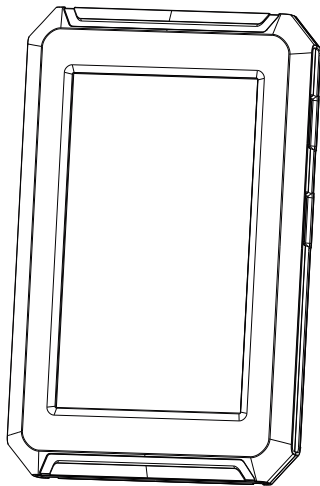


# 星云屏智能套件使用说明书





## 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. OTA 在线升级: 链接 wifi 后, 可以在线获取最新固件升级;

2. U 盘离线升级: 可登陆官网下载最新固件, 通过 U 盘进行升级

下载路径如下: <https://www.creality.com/pages/download> → Ecosystem → Creality Nebula Smart Kit

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

产品型号:	NC01
最高像素:	1920*1080
可视角度:	H: 95° D: 112°
夜视功能:	支持自动切换
手动调焦:	支持 MF, 旋钮
连接方式:	USB 连接
额定电压:	5V
产品尺寸:	55*40*35mm
净重:	130g

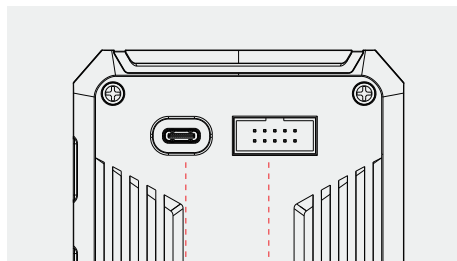
2. 包装清单

1. 星云屏	x1
2. 星云摄像头	x1
3. U 盘	x1
4. 三脚架	x1
5. G-Sensor 连接线	x1
6. G-Sensor	x1

\*10国语言 (中, 英, 日, 德, 法, 意, 西, 葡, 俄罗斯, 土耳其)  
01



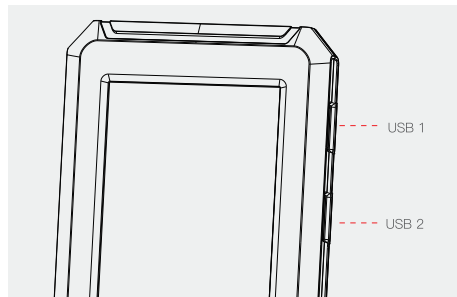
7. 十字盘头自攻螺丝 M3*8	x2
8. 内六角平圆头螺丝 M3*6	x2
9. 内六角平圆头螺丝 M3*8	x2
10. 内六角平圆头螺丝 M5*10	x3
11. M5 船型螺母	x3
12. 扎带	x5



G-sensor 接口

打印机连接线接口

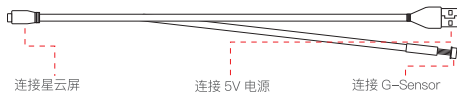
### 3. 产品视图及接口说明



#### G-Sensor 连接线

星云屏独立供电接口 (5V):

当星云屏连接摄像头等外设设备供电不足时, 需要单独供电。



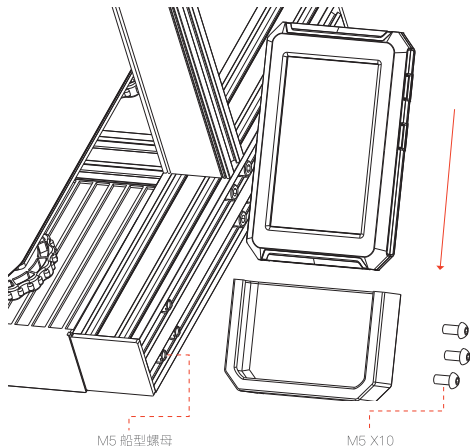
## 4. 组装步骤（以Ender-3 V2 Neo机型为例）

模型下载路径如下：

<https://www.creality.com/pages/download> → Ecosystem  
→ Creality Nebula Smart Kit

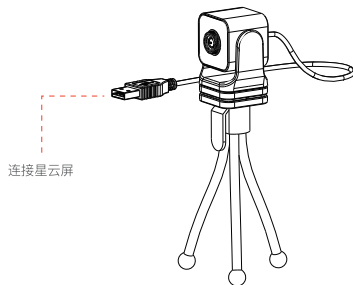
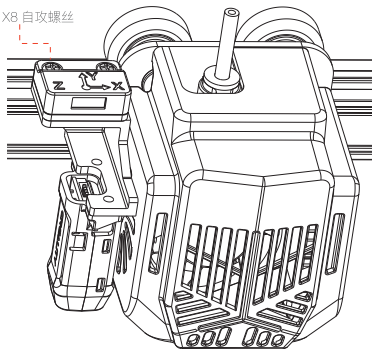
### 4.1 屏幕安装

1. 在 U 盘或官网下载中心获取支架 stl 模型并打印；
2. 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；
3. 将屏幕对准支架向下滑动卡紧；
4. 连接显示屏接线。



### 4.2 振动传感器与摄像头安装

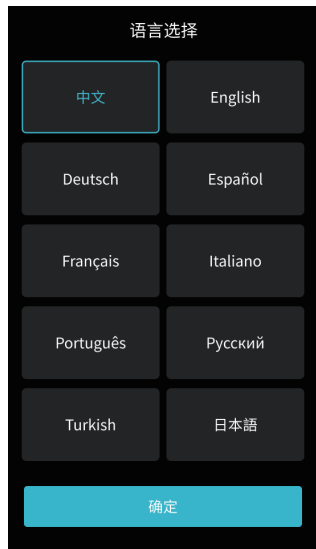
M3 X8 自攻螺丝



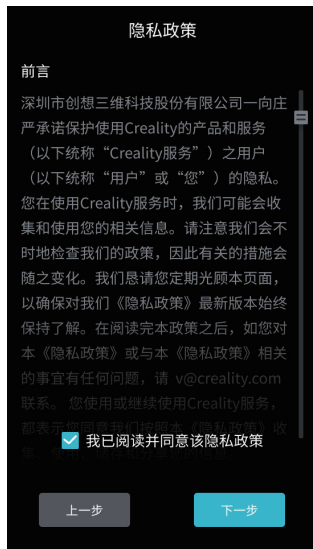
注：延时摄影文件可在创想云 app 上查看

## 5. 开机引导与设备界面简介

### 5.1 开机引导



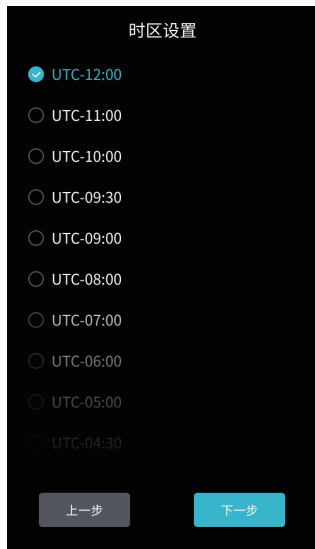
1



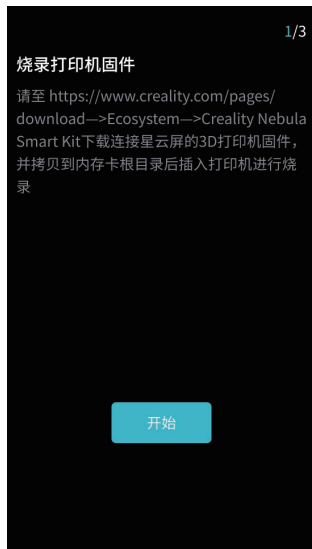
2



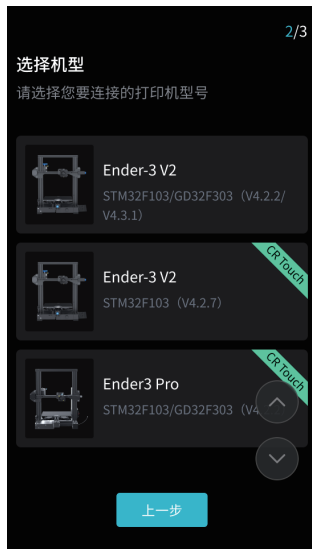
3



4



5



6



7



8

**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



1



2



3



4



5



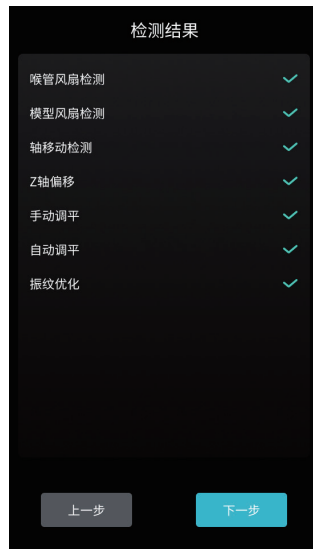
6



7



8



9





自检已完成

完成

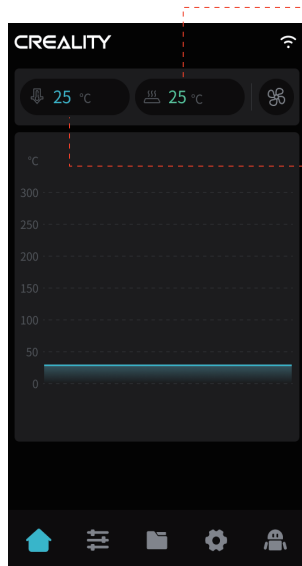
温馨提示:

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。

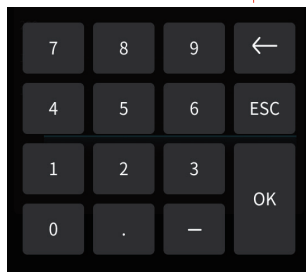
### 5.3 设备界面简介



首页

热床温度

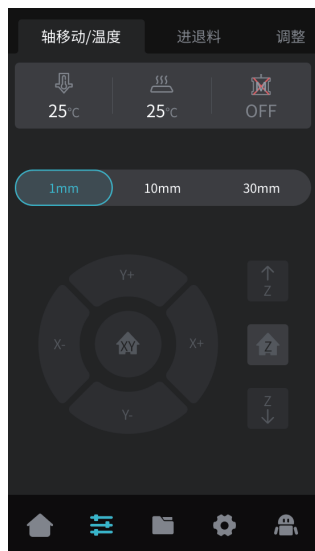
喷头温度



可手动设置参数

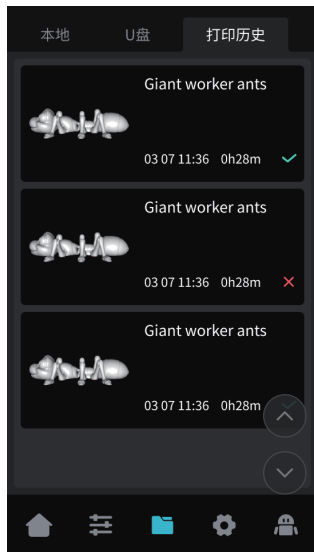
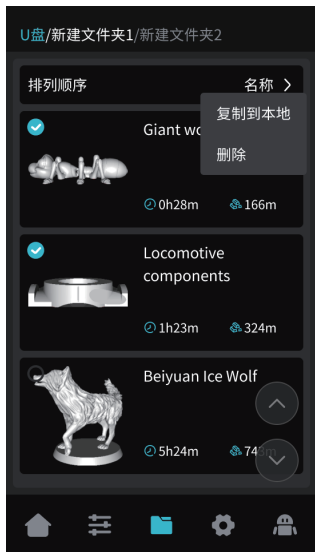
**注意:**

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。

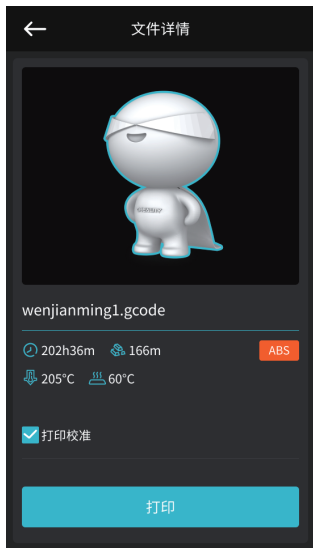


长按模型可多选并复制到 U 盘

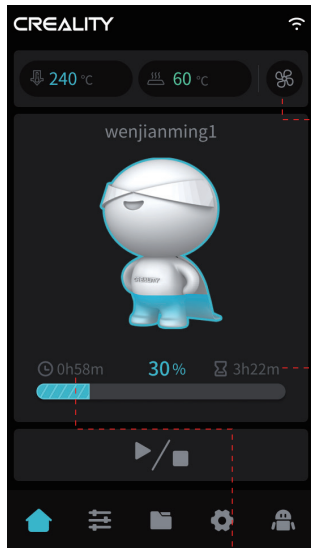
\* 最多可复制 3 个模型

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。



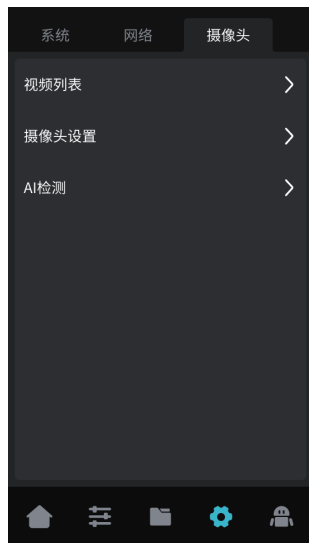
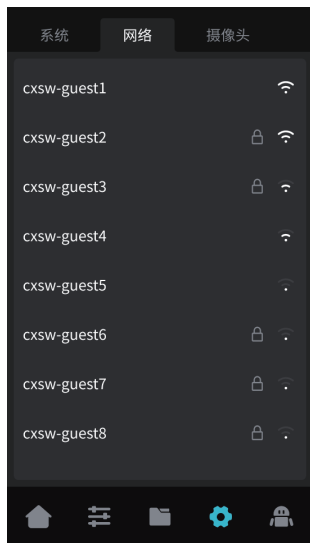
打印界面

打印时间

模型风扇开关

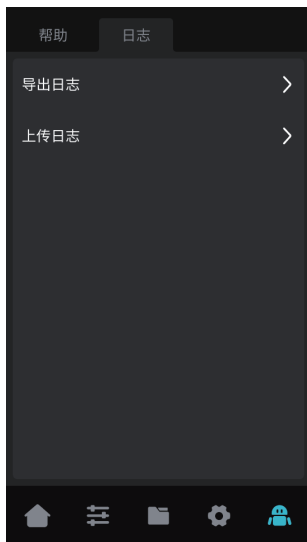
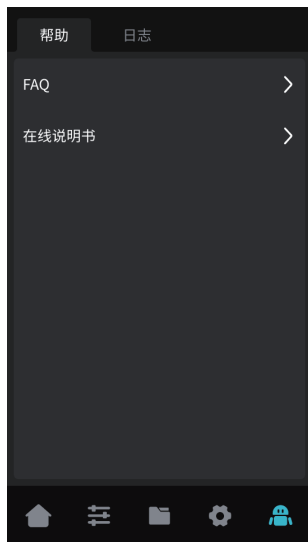
剩余时间

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。



**注意：**

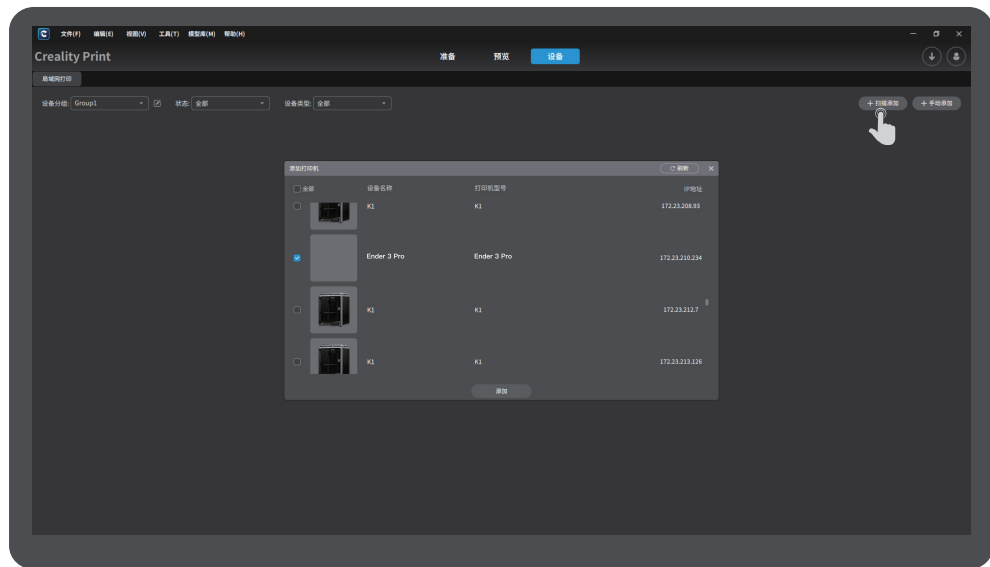
当前界面仅供参考，由于功能不断升级，实际以官网最新软件 / 固件 UI 为准。

客服界面

可通过客服界面查看 FAQ、说明书以及日志管理等内容。

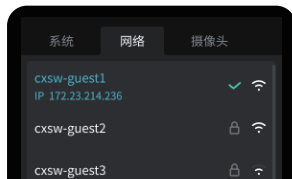
## 6. 远程控制

### 6.1 在 Creality Print 切片软件内设备界面



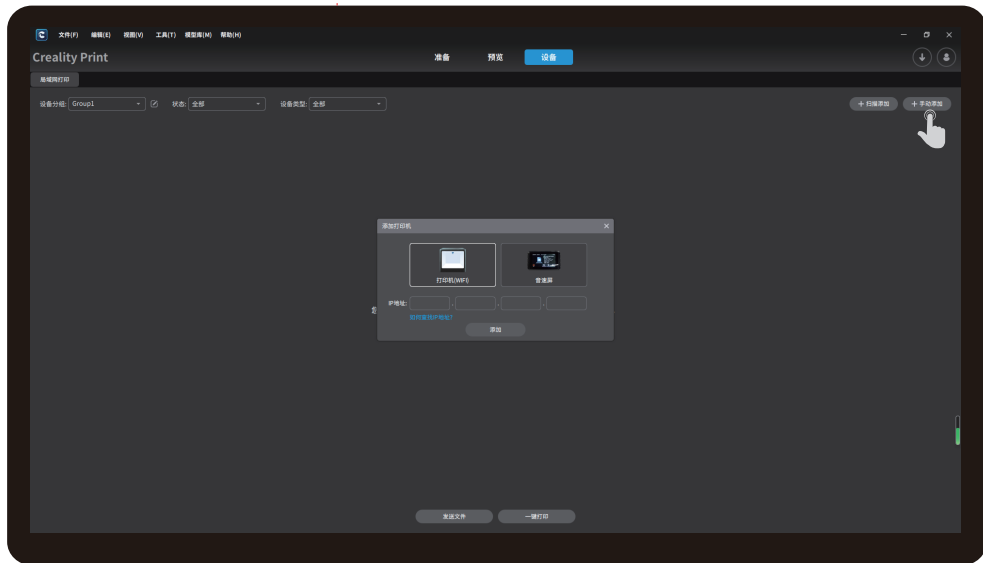
添加设备: a.扫描添加→选择设备

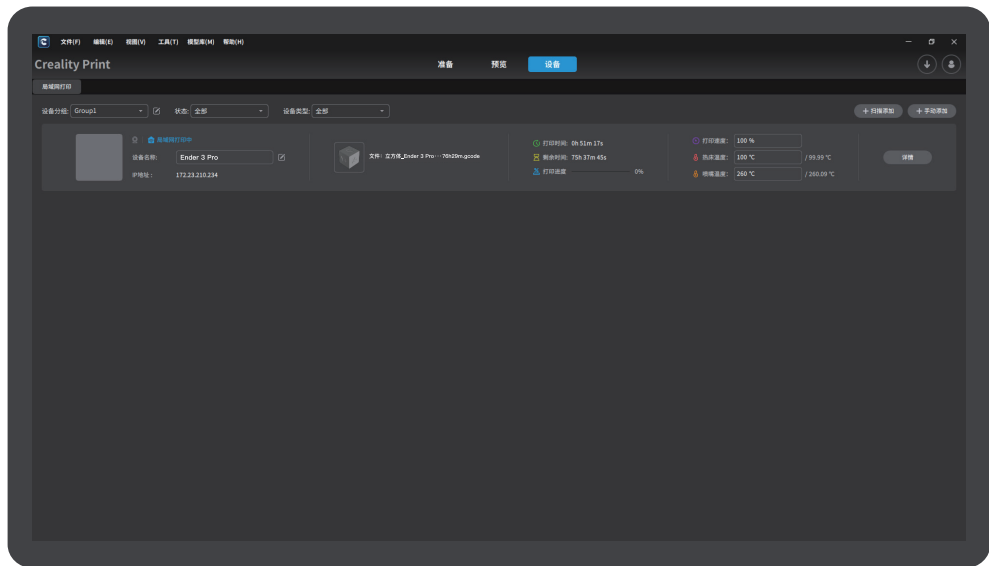




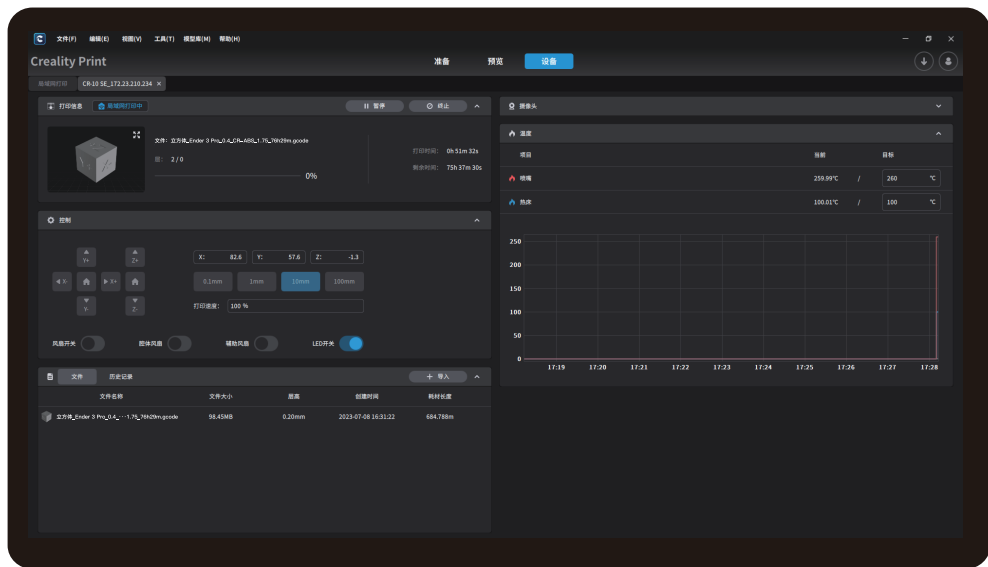
点击“设置”→“网络”，选中所连网络即可查看 IP 地址

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](http://www.creality.cn)      服务热线: 400 6133 882

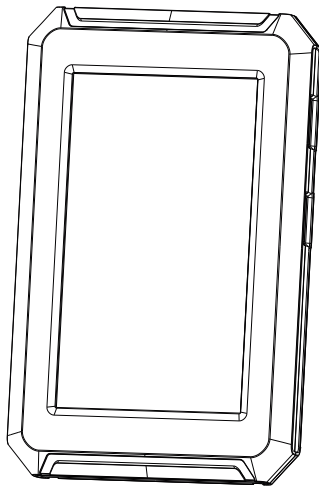
电子邮箱: [cs@creality.com](mailto:cs@creality.com)

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 Nebula Smart Kit Instruction Manual





## 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. OTA Online Upgrade: Connect to Wi-Fi to receive the latest firmware updates online;
2. USB Offline Upgrade: Visit the official website to download the latest firmware and perform the upgrade via a USB flash disk.

Download Path: [<https://www.creality.com/pages/download> → Ecosystem → Creality Nebula Smart Kit

## 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
TouchI 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

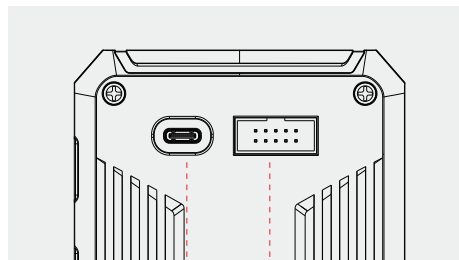
(Chinese, English, Japanese, German, French, Italian, Spanish, Portuguese, Russian, Turkish)

Model:	NC01
Highest Resolution:	1920*1080
Field of View:	H: 95° D: 112°
Night Vision:	Supports automatic switching
Manual Focus:	Supports MF, knob adjustment
Connection:	USB connection
Rated Voltage:	5V
Product Dimensions:	55*40*35mm
Net Weight:	130g

## 2. Packing list

1. Nebula Pad	x1
2. Nebula Camera	x1
3. U disk	x1
4. Tripod	x1
5. G-Sensor cable	x1
6. G-Sensor	x1

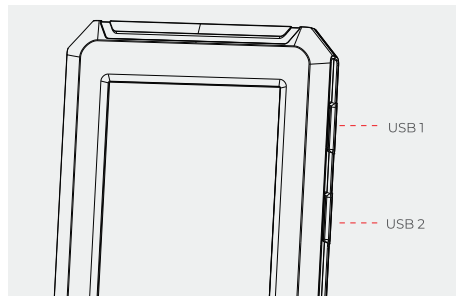
7. Cross pan head self-tapping screw M3*8	x2
8. Hexagon socket head screw M3*6	x2
9. Hexagon socket head screw M3*8	x2
10. Hexagon socket head screw M5*10	x3
11. M5 T-nut	x3
12. Cable tie	x5



G-sensor interface

Printer cable interface

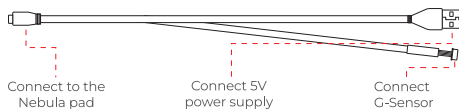
### 3.Product view and interface description



#### G-Sensor cable

##### Nebula Pad Independent Power Connector (5V):

When the Nebula pad lacks power supply while connected to peripherals like cameras, it requires a separate power supply.



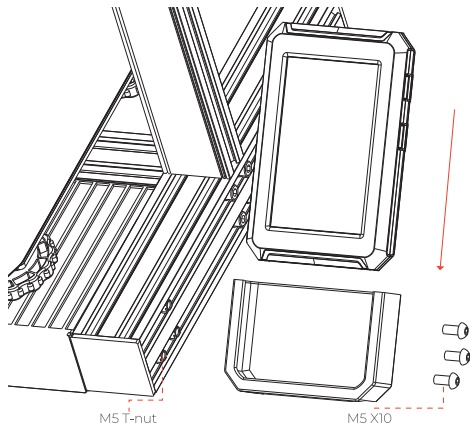
## 4. Installation steps (take Ender-3 V2 Neo as an example)

Model download path:

<https://www.creality.com/pages/download> → Ecosystem  
→ Creality Nebula Smart Kit

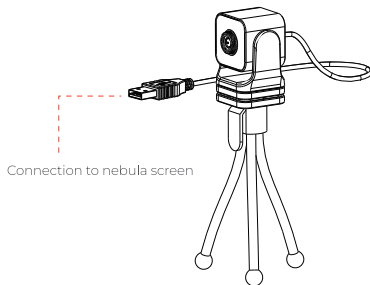
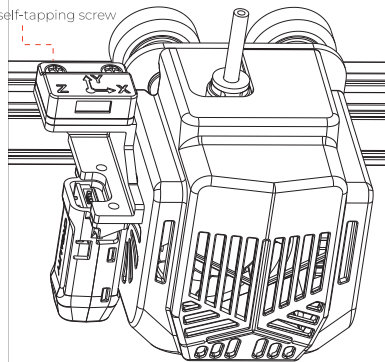
### 4.1 Nebula pad installation

1. Obtain and print the bracket STL model in the U disk or the official website download center;
2. Place the screen bracket on the side of the profile on the right, and tighten it with 3 M5X10 screws and T-nuts;
3. Align the Nebula pad with the bracket and slide down to lock it tightly
4. Connect the display cable.



### 4.2 G-Sensor and Nebula Camera Installation

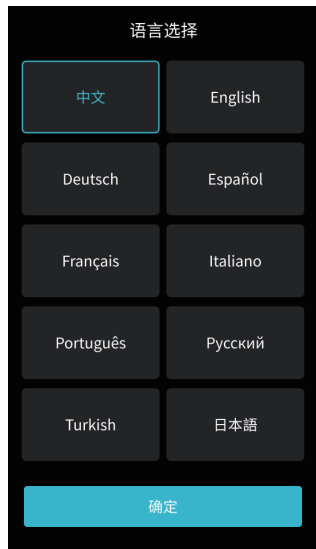
M3\*8 self-tapping screw



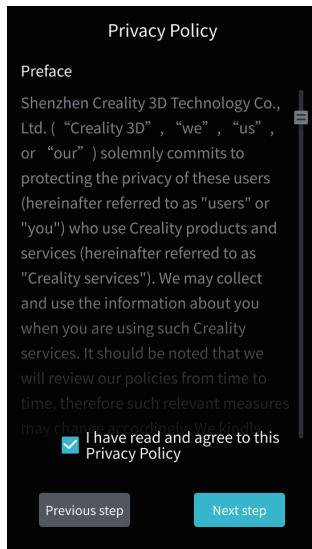
Note: Time-lapse photography files can be viewed on the Creality Cloud

## 5. Boot guide and device interface introduction

### 5.1 Boot guide



1



2



3

### Time Zone Settings

☒ UTC-12:00

☐ UTC-11:00

☐ UTC-10:00

☐ UTC-09:30

☐ UTC-09:00

☐ UTC-08:00

☐ UTC-07:00

☐ UTC-06:00

☐ UTC-05:00

☐ UTC-04:30

Previous step Next step

4

### Burning Printer Firmware

1/3

Visit <https://www.creality.com/pages/download>—> Ecosystem —> Creality Nebula Smart Kit to download the 3D printer firmware for connecting with the Nebula Pad. Copy it to the root directory of the memory card and insert it into the printer for burning


Start


5


### Select a model

2/3

Please select the printer model you want to connect

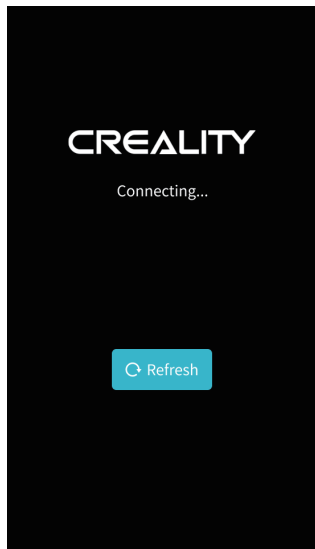
 **Ender-3 V2**  
STM32F103/GD32F303 (V4.2.2/  
V4.3.1)

 **Ender-3 V2**  
STM32F103 (V4.2.7) CR Touch

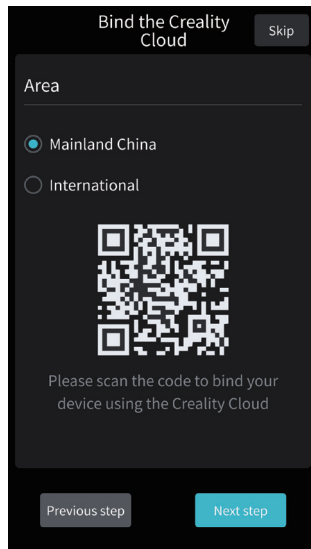
 **Ender3 Pro**  
STM32F103/GD32F303 (V4.2.7) CR Touch

Previous step

6



7




8

**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

### Printer self-check




**Welcome to the self-test process**

1. Please place the printing platform
2. The self-test process is expected to take around 11 minutes

Previous stepStart detecting

1

### 1/7 Heat break fan detection



Heat break fan position

**Please check if the heat break cooling fan is rotating properly**


1. Proceed to the next step if rotating normally;
2. If not, please check the manual or contact customer service.

Start detecting

Previous stepNext step

2

### 2/7 Model fan detection



Model fan position

**Please check if the model cooling fan is rotating properly**

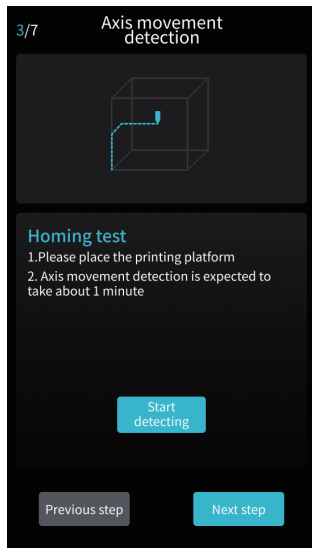
1. Proceed to the next step if rotating normally;
2. If not, please check the manual or contact customer service.

Start detecting

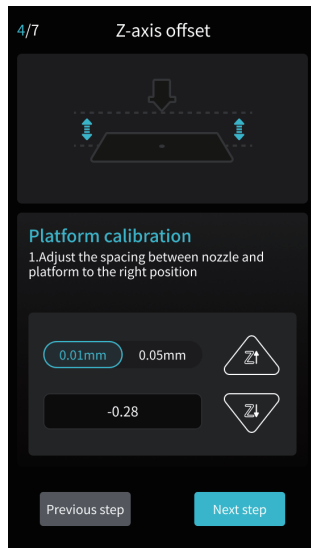
Previous stepNext step

3





4



5



6

6/7
Auto Leveling
Skip

21	22	23	24	25
20	19	18	17	16
11	12	13	14	15
10	9	8	7	6
1	2	3	4	5



Please start auto leveling
1.Please place the printing platform  
2.Leveling process is expected to take about 5 minutes

25/60 °C
Start leveling

Previous step
Next step

7

7/7
Optimization of vibration veins
Skip

Type 1Type 2

Please confirm the current machine type
1. Type 1 hotbed on the Y-axis  
2. Type 2 hotbed not on the Y-axis

OK

Previous step
Next step

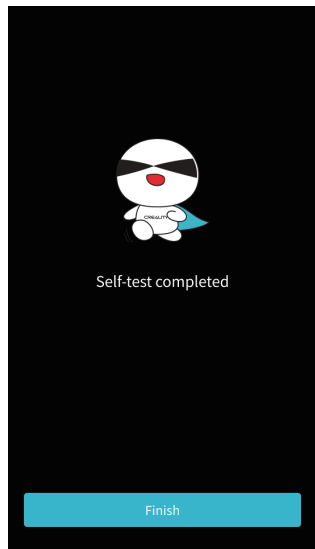
8

Detection results

Heat break fan detection ✓  
Model fan detection ✓  
Axis movement detection ✓  
Z-axis offset ✓  
Manual leveling ✓  
Auto Leveling ✓  
Optimization of vibration veins ✓

Previous step
Next step

9



10

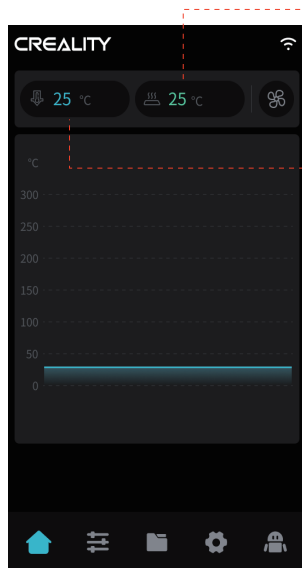
**Warm reminder:**

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.

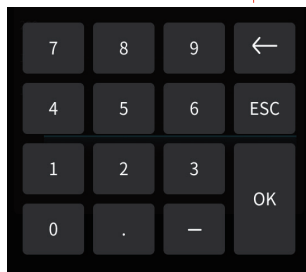
### 5.3 Device interface introduction



Home page

Heated bed temperature

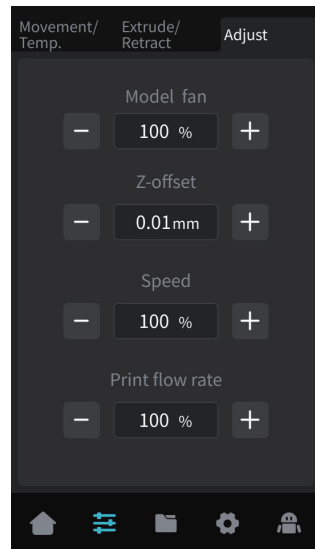
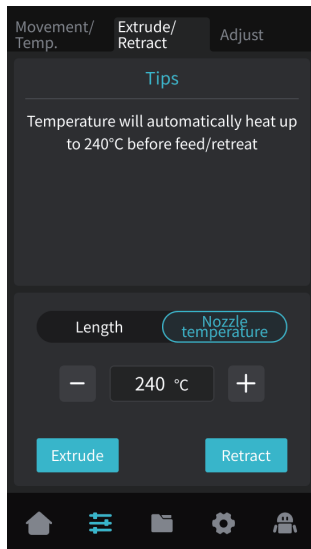
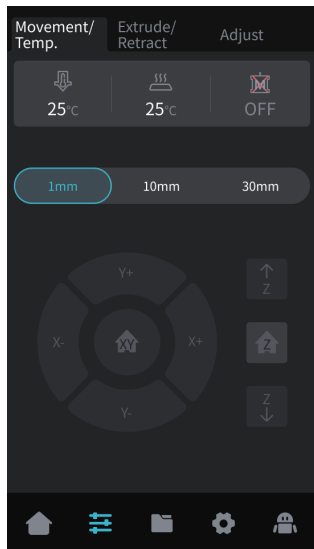
Nozzle temperature



Parameters can be set manually

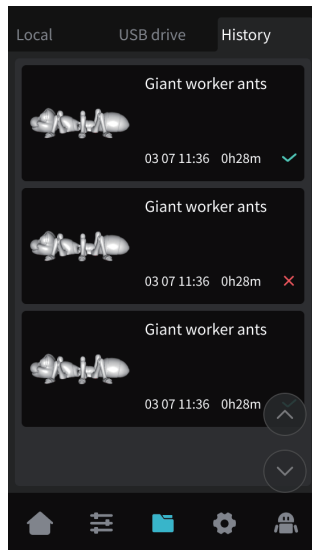
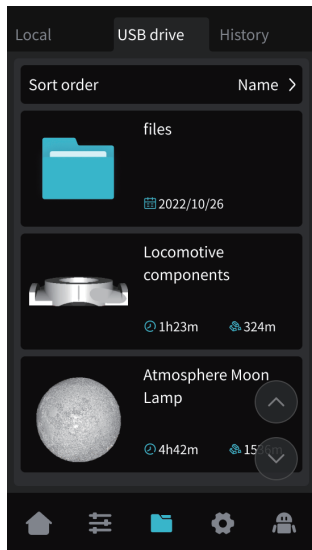
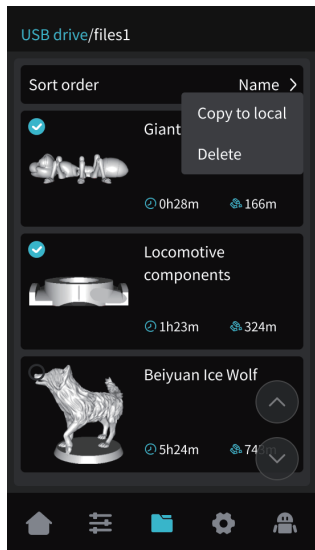
#### Notice:

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.

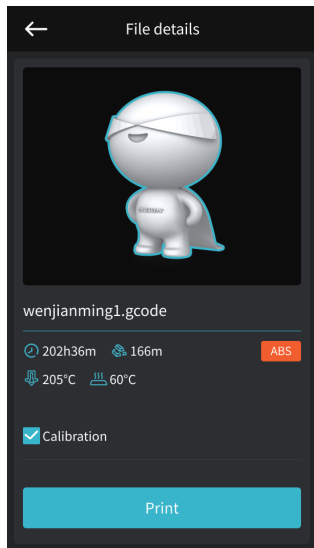


Long press the model to select multiple and copy to the USB drive.

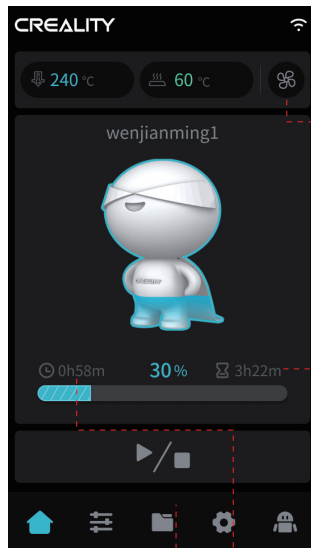
\*Can copy up to 3 models

Print file preview

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



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



Print page

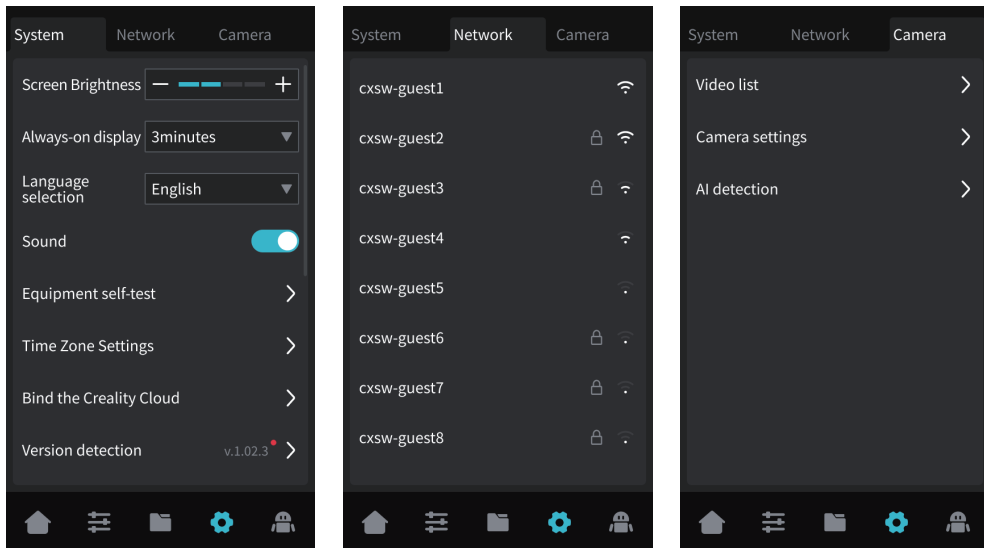
Print time

Model fan on/off

**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.

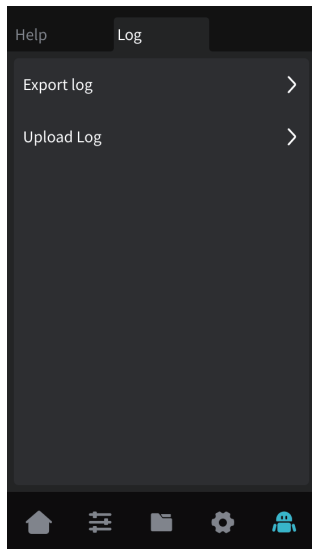
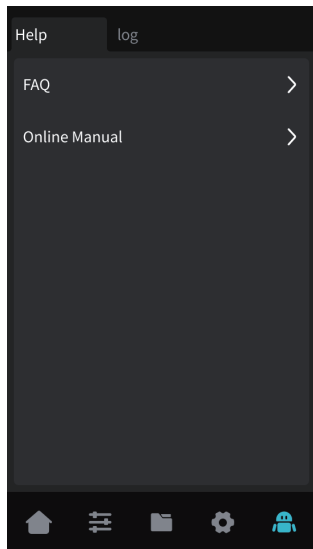
The remaining time



Setting

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





**Notice:**

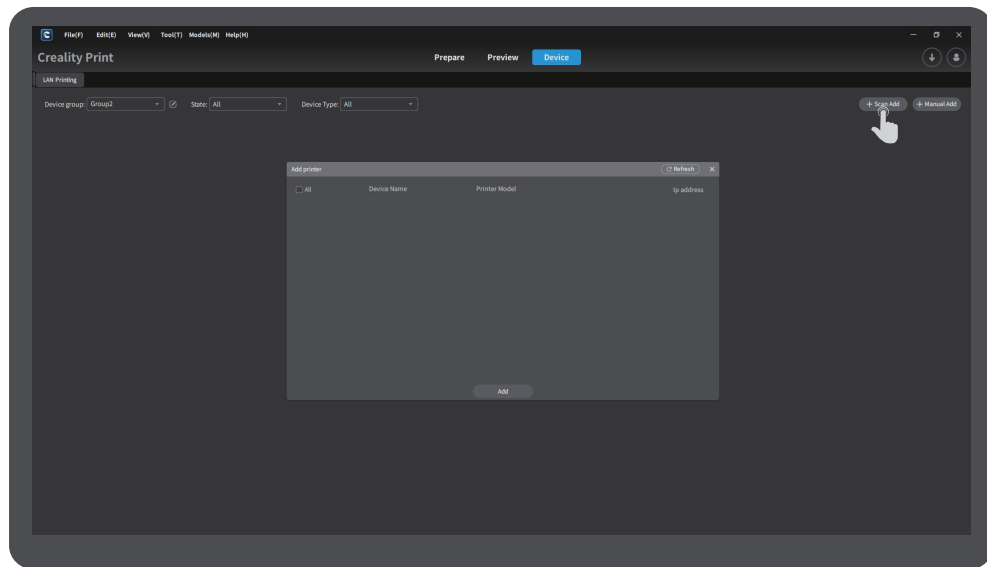
The current UI is for reference only. As the firmware is constantly being upgraded, please refer to the latest firmware UI on the official website.

Customer Service Interface

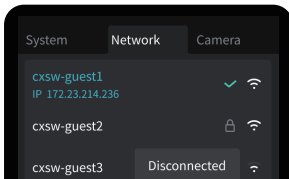
You can view FAQs, manuals, and log management through the customer service page.

## 6. Remote control

### 6.1 Device interface in Creality Print slicing software

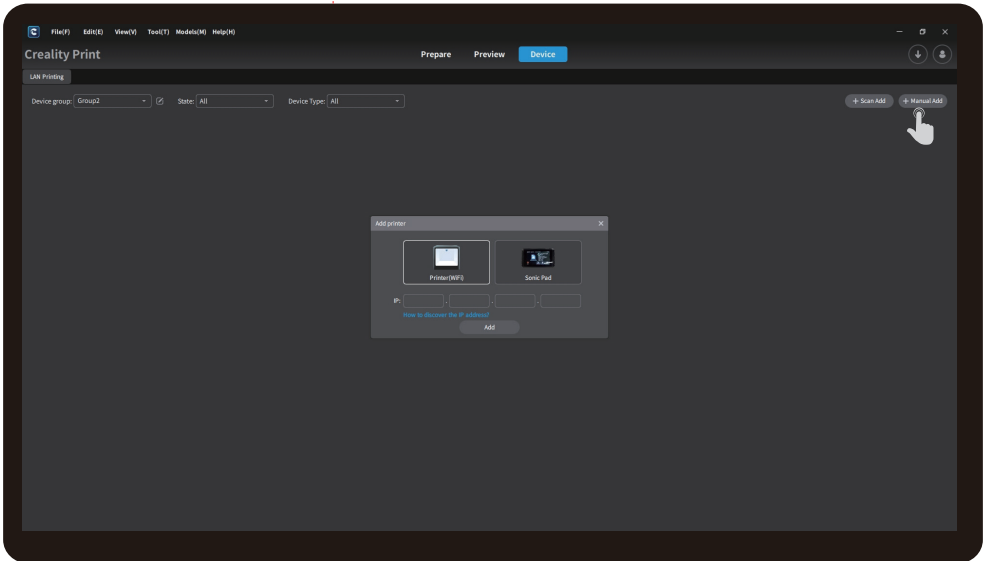


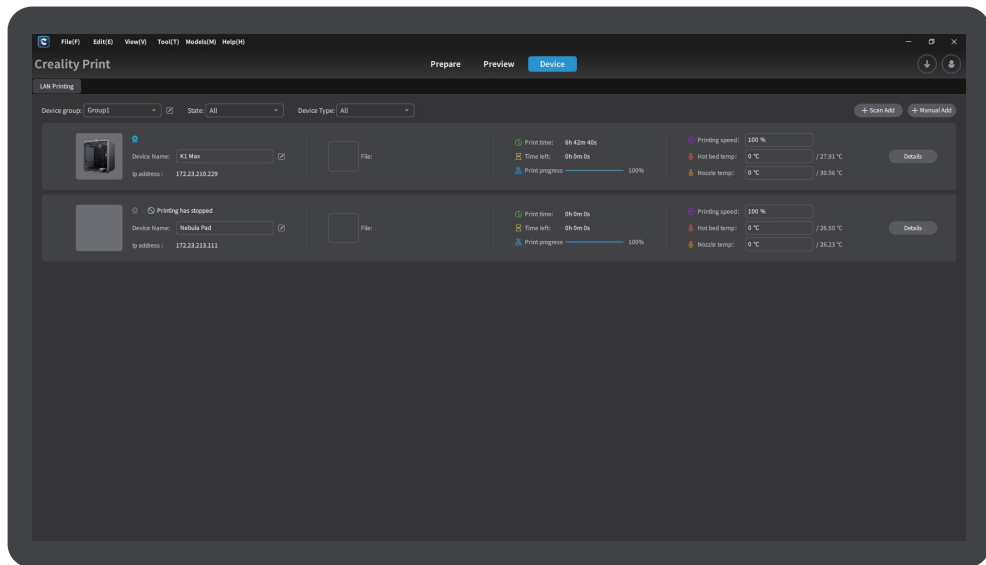
Add device: a. Scan to add → select device



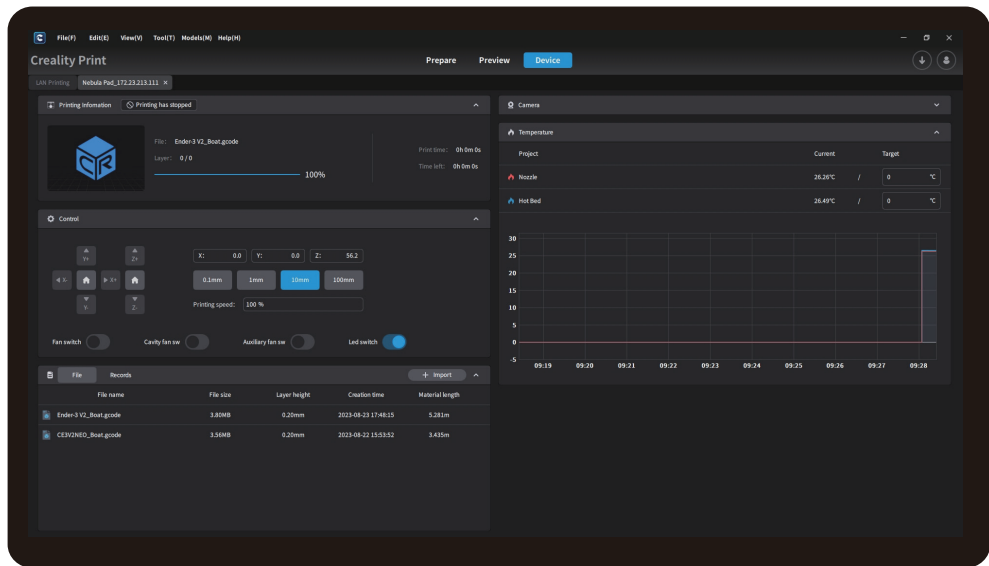
Click "Settings" → "Network", select the connected network to view the IP address

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





Device list



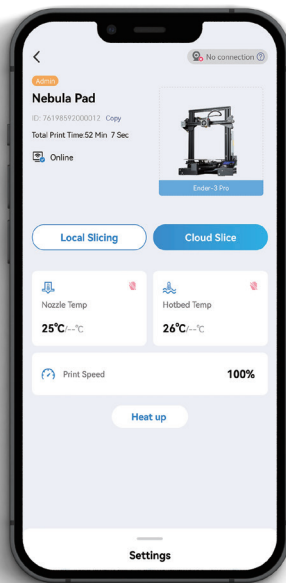
Device print information details

#### 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 Crealty cloud APP control

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





MADE IN CHINA



Join the Facebook Community  
<https://www.facebook.com/groups/sonicpad>  
+86 755 3396 5666  
[cs@creality.com](mailto:cs@creality.com)

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Community, Minzhi Street, Longhua District, Shenzhen City, China.

