



Instruction manual

WARNING!

1. Do not remove the nozzle housing!
2. Hot surface! Do not touch the nozzle that is heating up during operation!
3. Risk of injury due to moving printer parts.
Do not wear gloves or other things that can get tangled during operation!



Bresser GmbH has issued a "CE Declaration of Conformity" in accordance with applicable guidelines and corresponding standards. The full text of the CE Declaration of Conformity is available at the following internet address:

www.bresser.de/download/2010100/CE/2010100_CE.pdf



Bresser GmbH has issued a "UKCA Declaration of Conformity" in accordance with applicable guidelines and corresponding standards. The full text of the UKCA Declaration of Conformity is available at the following internet address:

www.bresser.de/download/2010100/UKCA/2010100_UKCA.pdf

BRESSER UK Ltd.

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More Informations, Updates and Software

Visit our website using the following QR codes or web links to find additional information, available updates or software for this product or related accessories:

3D Printer



www.bresser.de/P2010100

Accessories



www.bresser.de/P2080200000000

After-Sales-Support / Service

We offer an individual service for this product beyond the purchase. If you have any problems with the product, our support team will be happy to assist you.

For a smooth process, please keep the following information handy for possible inquiries:

- Service/warranty card
- Article number and description
- Date of purchase and dealer

Contact details:

E-Mail: service.3d-printer@bresser.de (preferred communication)

Internet: www.bresser.de/c/en/service

Telephone*: 00 800 – 63 43 7000

Service times:

Monday to Friday (except for holidays) 9 a.m. to 4:00 p.m.

*free hotline

Warranty

Please refer to the separate service/warranty card for warranty information.



Safety Notice

PLEASE READ AND STRICTLY FOLLOW ALL THE SAFETY WARNINGS AND NOTICE BELOW.



Work Environment Safety

- You must always keep your workspace clean.
- Don't use the Wifi 3D-Printer near inflammable liquids, gas or dust.
- Keep the W-LAN 3D printer out of reach of children and untrained persons.

Electrical Safety

- Only connect the W-LAN 3D Printer to a properly grounded power outlet.
- Do not use Adventurer 3 in damp or wet locations. Do not expose Adventurer 3 to burning sun.
- Avoid using the device during a thunderstorm.
- Unplug the device from the power supply if you do not use it for a longer time.

Personal Safety

- Do not touch the nozzle and build plate during printing.
- Do not touch the nozzle after finishing printing
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.
- Do not operate the device while you are tired or under the influence of drugs, alcohol or medication

Cautions

- Do not leave the device unattended for long.
- Do not make any modifications to the device.
- To lower the build plate before loading/unloading filament. (The distance between the nozzle and build plate should be kept for at least 50mm)
- Operate the device in a well-ventilated environment.
- Never use the device for illegal activities.
- Never use the device to make any food storage vessels.
- Never use the device to make any electrical appliance.
- Never put the model into your mouth.

Environment Requirements

- Temperature: RT 15-30°C; Moisture: 20%-70%

Place Requirements

- The device must be placed in a dry and ventilated environment. The distances of the left, right and back side space should be at least 20cm, and the distance of the front side space should be at least 35cm. Device storage temperature: RT 0-40C°

Filament Requirements

- Do not abuse the filament. Please make sure you use the FlashForge filament or the filament from the brands accepted by FlashForge. Nozzle clogging and damage may be caused by non-FlashForge filament due to inappropriate material properties.

Filament Storage

- All polymers degrade with time. Do not unpack filament until necessary. Filament should be stored at clean and dry conditions.

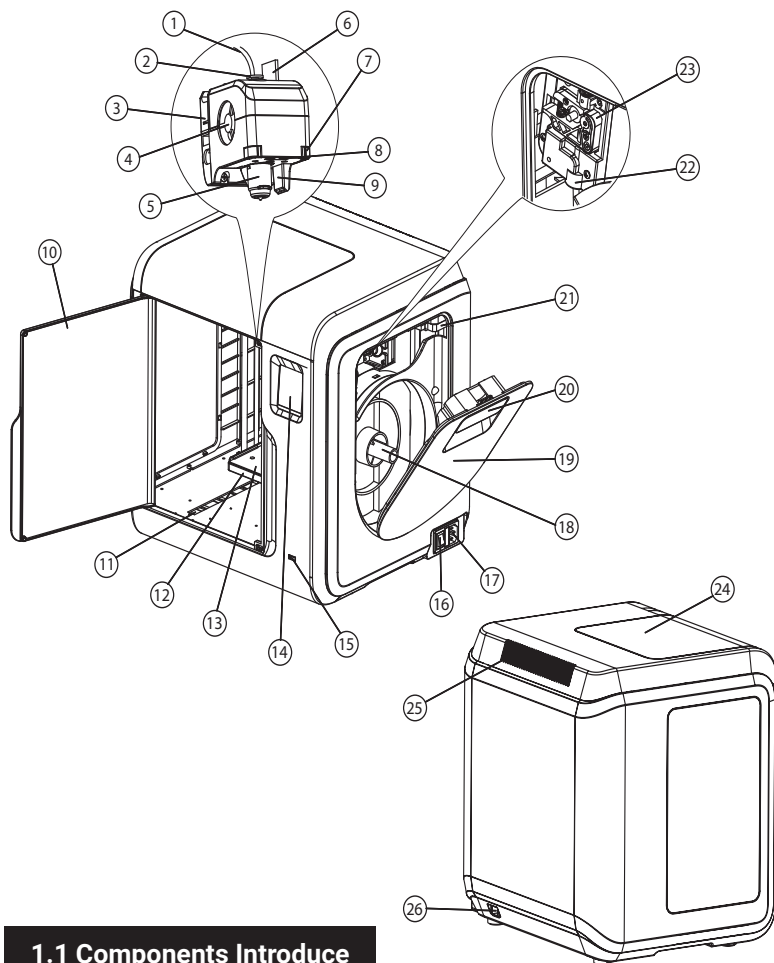
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- FCC Notice This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
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Terms

Build Plate	The surface on which the WIFI 3D Printer builds an object.
Build Tape	The black tape that covers WIFI 3D Printer's build plate so that the object can stick to the build plate well.
Build Volume	The three dimensional amount of space that an object will use once it is completed. The largest build volume is 150*150*150mm.
Extruder	The integral extruder device installed on X-Axis. Extruder draws the filament from the spool, melts it and pushes it through a nozzle into the build plate.
Nozzle	Also called "print head", which located at the bottom of the extruder where heated filament is squeezed out.
Cooling Fan	To cool the outer assembly of the extruder and gear motor.
Filamentbox	A specific box for placing the Filament, which is located on the right of the printer.
Filament Guide Tube	A white plastic tube that guides the filament from the filament box to the filament intake.
Filament Intake	An opening located at the top of the extruder.

Chapter 1: About WIFI 3D Printer



1.1 Components Introduce

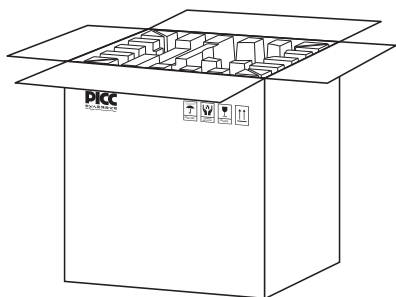
1. Filament guide tube 2. Filament guide tube joint 3. Extruder base
4. Cooling Fan 5. Removable nozzle 6. Extruder cables 7. Clip
8. Led light 9. Air guide 10. Front door 11. Y-Axis sliding slot
12. Platform base 13. Removeable Build Plate
14. Touchscreen 15. USB stick input 16. Power Switch 17. Power Input
18. Spool holder 19. Filament Cover 20. Filament cover handle 21. Motor
22. Filament Intake 23. Filament feeding wheel 24. Top cover 25. Air outlet
26. Ethernet input

1.2 Reference

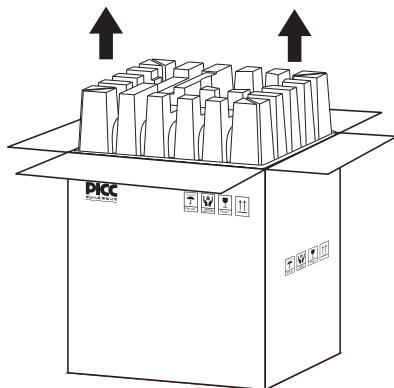
Name	WIFI 3D Printer
Number of Extruder	1, Removable
Print Technology	Fused Filament Fabrication (FFF)
Screen Size	2,8° color IPS Touch Screen
Build Volume	150x150x150mm
Layer Resolution	0.1-0.4mm
Build Accuracy	±0.2mm
Positioning Accuracy	Z axis 0.0025mm; XY axis 0.011mm
Filament Diameter	1.75mm (±0.07mm)
Nozzle Diameter	0.4mm
Build Speed	10~100 mm/s
Software	FlashPrint
Support Formats	Input:3mf/stl/obj/fpp/bmp/png/jpg/jpeg File Output: gx/g File
Memory Size	8GB
OS	WIN 8/10
AC Input	150 W (100-250V, 50/60Hz)
Connectivity	USB stick, WIFI, Ethernet
Device Size	388x340x405mm
Net Weight	9 kg

Chapter 2: Operating

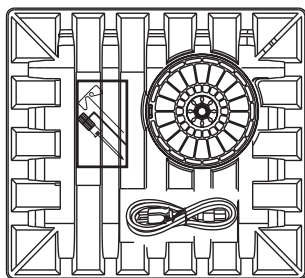
2.1 Unpacking



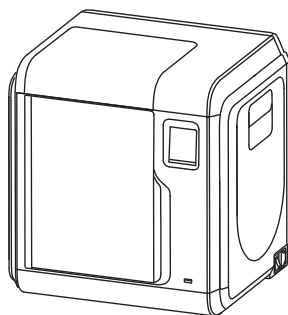
1. Open the box



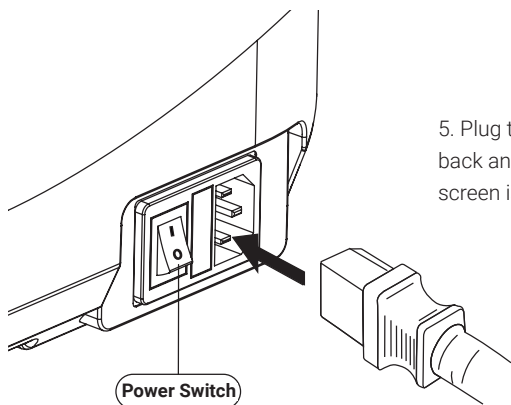
2. Take out the wrapping paper box on the top.



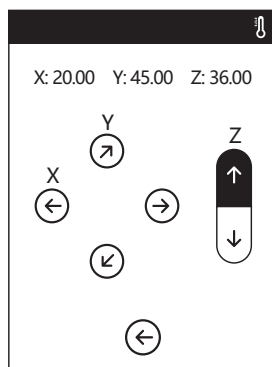
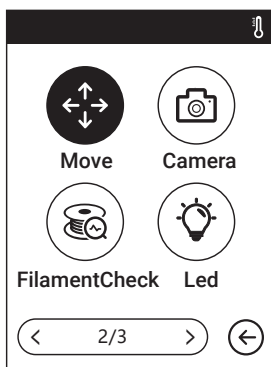
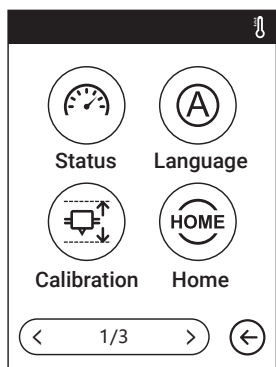
3. Be careful! Filament and power cable are all placed inside the wrapping paper box



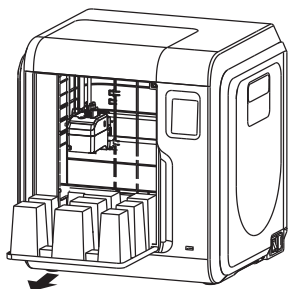
4. Take out the printer from the box.



5. Plug the power cable into the input on the back and turn on the power switch, the touch screen is turned on.

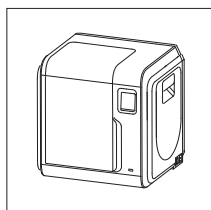


6. Click [tools]-[setting] in turn to enter page like this, turn to page two, click [move]. Click the upper arrow in the moving page to make the extruder raises for removing the paper box on the bottom easier.

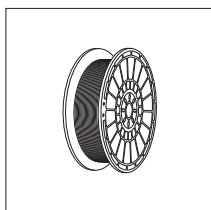


7. Open the front door, take the paper box out of the printer and unpack it completely.

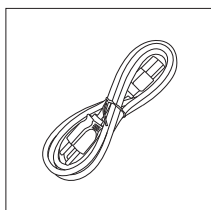
2.2 Accessories



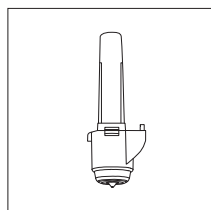
3D Printer



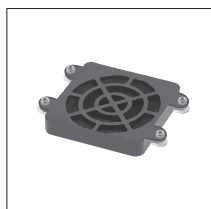
Filament



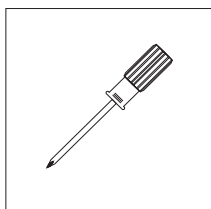
Power Cable



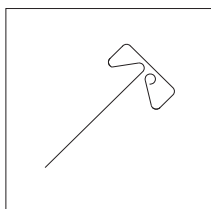
Spare Nozzle



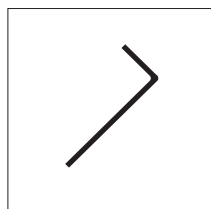
HEPA Air Filter



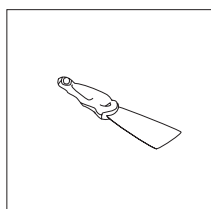
Screwdriver



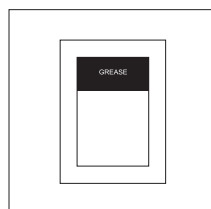
Pin Tool



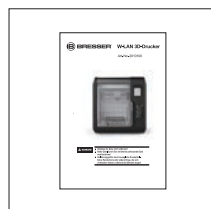
Allen
Wrench



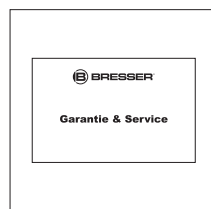
Spatula



Grease



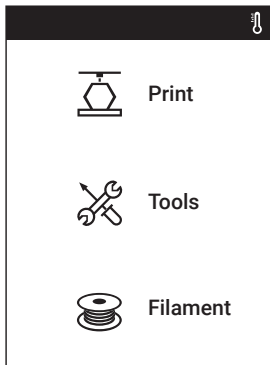
Quickstart Manual



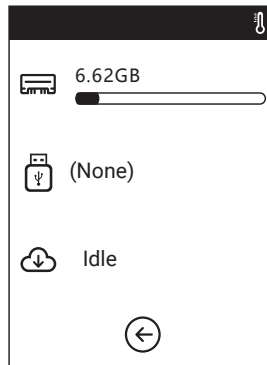
Warranty/
Service-Card

2.3 Interface Menus introduction

2.3.1 Build



1. Tap [Print]



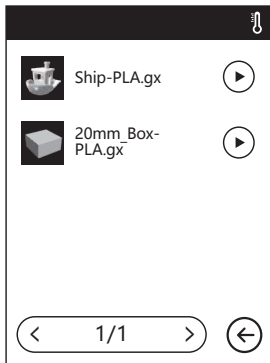
Read the print file from:
The local memory card

The USB stick

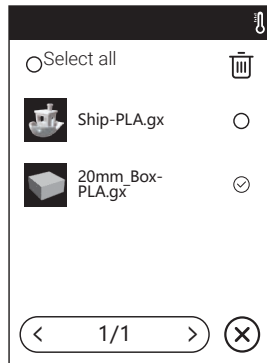
The Cloud

Back: Back to upper interface

2. Choose the read path of the print file File list.



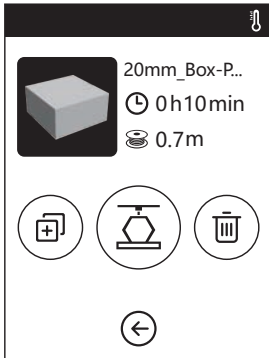
3. File list



Tap to begin printing; tap the picture of the selected file to enter file details.

Page-flip: Tap the left/right arrow.

Long press the file picture or file name, quit out multi-selected interface, you can select all, copy delete . Tap to quit out multi-selected interface.



File details: Including file picture, time needed, filament needed.



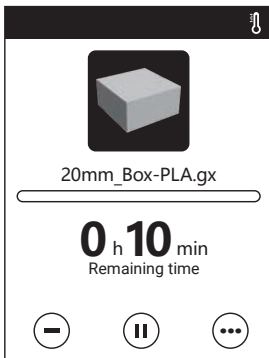
Build: To begin printing the file.



Copy: To copy the files to the local memorycard from the USB stick.



Delete: To delete the print file.



Print Interface



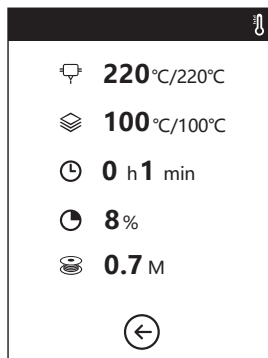
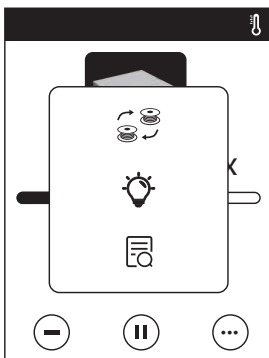
Cancel: To cancel the print job.



Pause/Resume: To suspend or resume the print job.



More: To check more settings and details information during printing.



Print Interface



Extruder Temperature



Build plate temperature



Used time



Printing progress



Whole filament needed

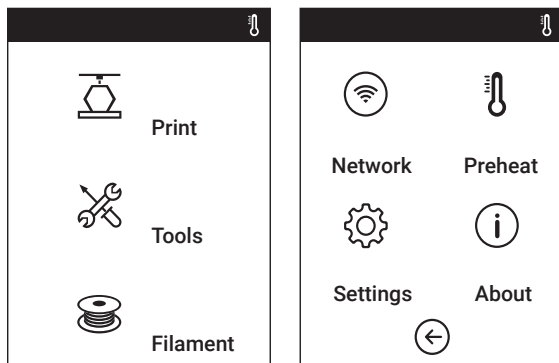
More Replace:

To change filament during printing progress.

Led Light: To turn on or turn off the led light.

Detail: To check more detail information.

2.3.2 Tools



Network: To connect printer to your PC or internet.



Preheat: To preheat the extruder and build plate.

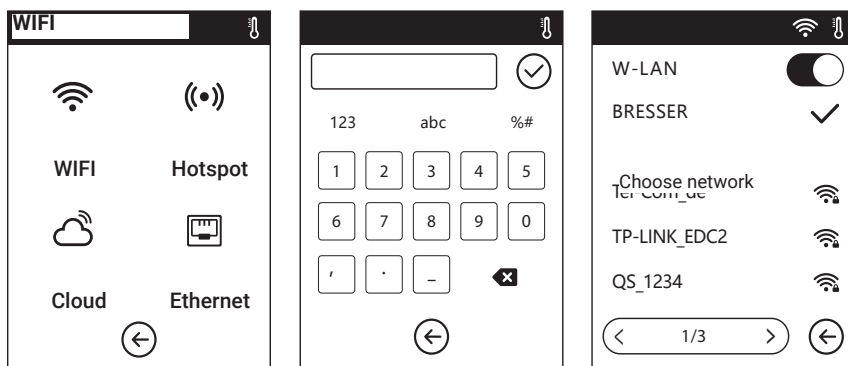


Setting: To implement relevant function setups.



About: Information about the printer.

2.3.2.1 Network

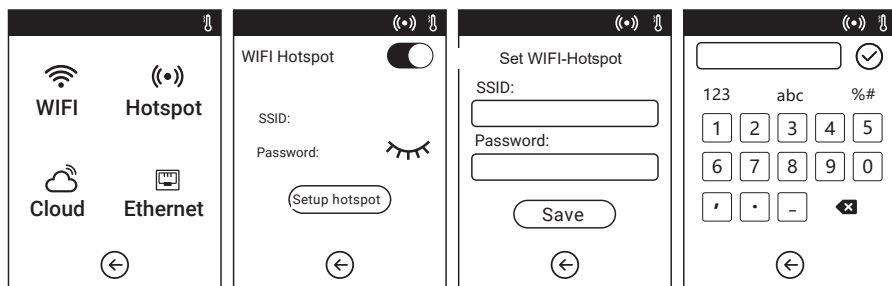


ON/OFF: To turn on/off the WIFI connection.



WiFi connection: To connect your printer with your PC via a stable WIFI signal.

Hotspot



((•)) To set your printer as a WLAN hotspot.

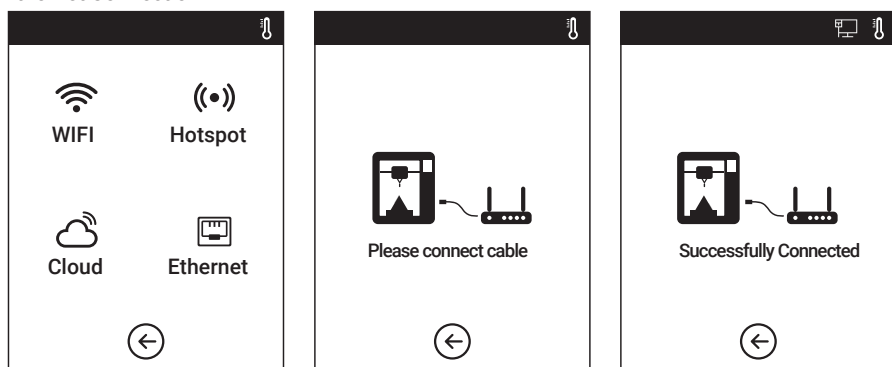
☑ Turn on/off the WLAN hotspot.

Hotspot setting: To set the hotspot name and password.

Input hotspot name with numbers, characters and symbols.

✓ Tap to save the name and password.

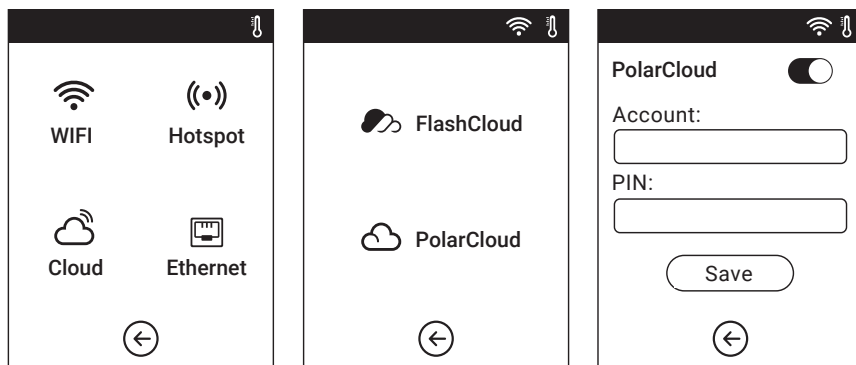
Ethernet Connection



To connect your printer with your PC via Ethernet cable.

Cloud-Connection

The 3D printer is compatible with multiple cloud systems.
The FlashCloud is recommended.

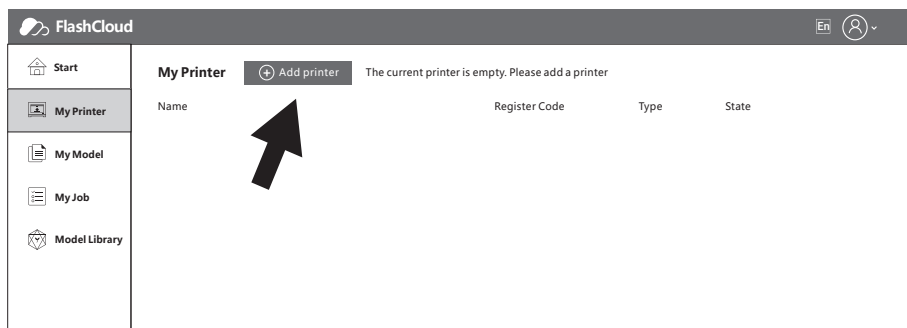


To turn on/off the cloud connection. Before connect to cloud, please make sure you have connect internet successfully.

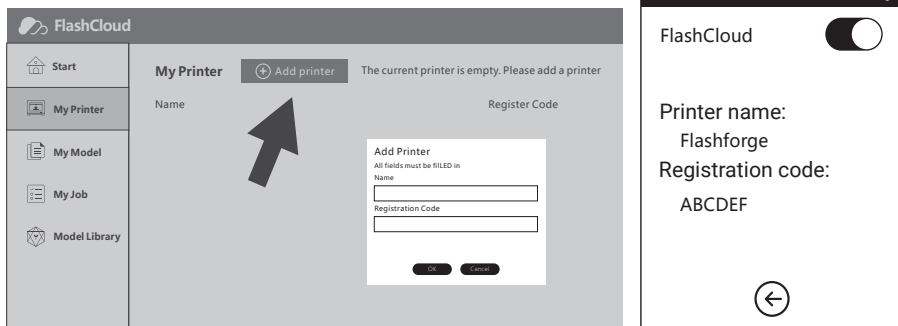


FlashCloud: Cloud.sz3dp.com

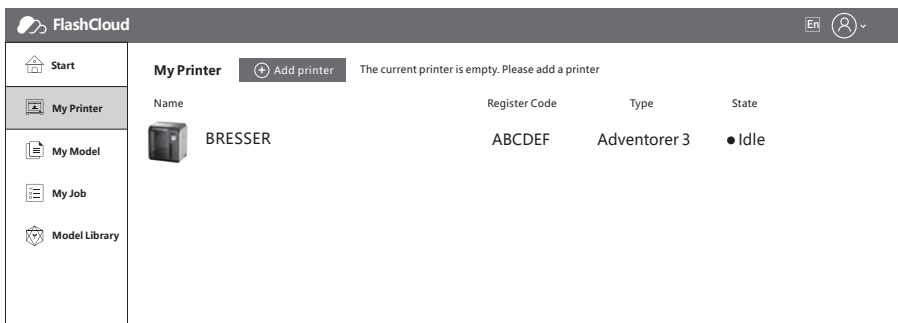
1. Register your account on Flashforge cloud:
After activate your account through your email box, login in Flashforge cloud with your account.

A login form titled "Login". It contains two input fields for "E-mail" and "Password". Below the password field is a checkbox labeled "Remember Password". A black "Login" button is positioned below the checkbox. At the bottom of the form are two links: "Forgot password" and "Register".

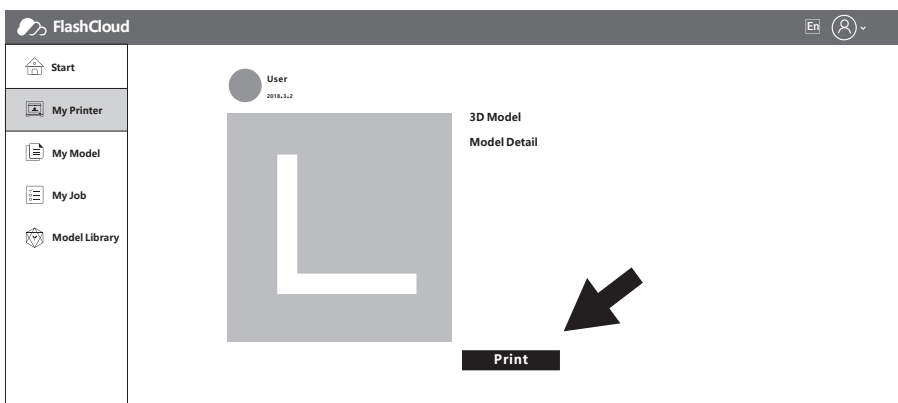
2. After login in cloud with your own account, click [My Printer] - click [Add Printer].



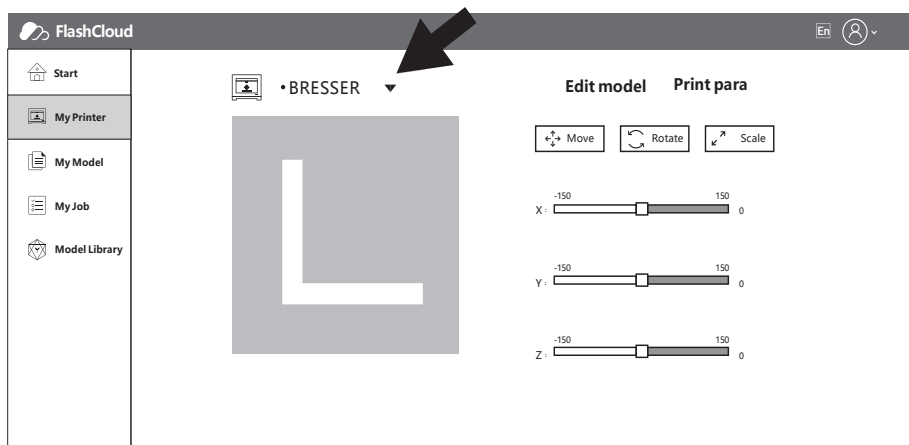
3. Input your printer's name and Flashcloud registration code in [Add printer] interface. These information are showed in your printer's FlashCloud interface.



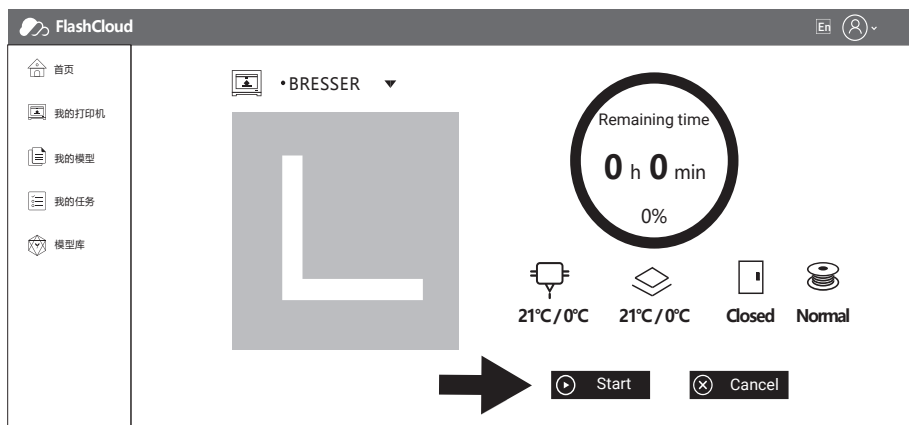
4. Add printer completed..



5. Choose a model from cloud model library or upload your own model (stl file), click [Print], enter the edit model interface to edit model.

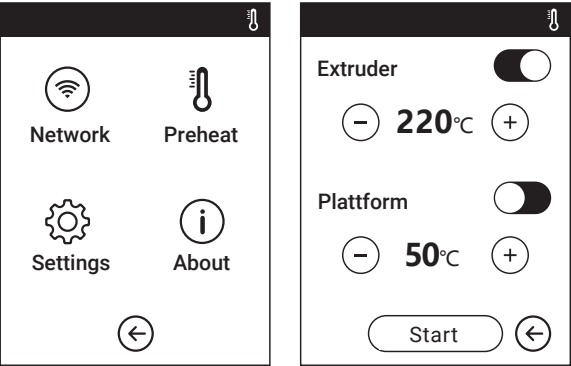


6. In the drop down menu of the printer's name, you can choose the printer which runs this mission. (the printer must be added into ,my printer')



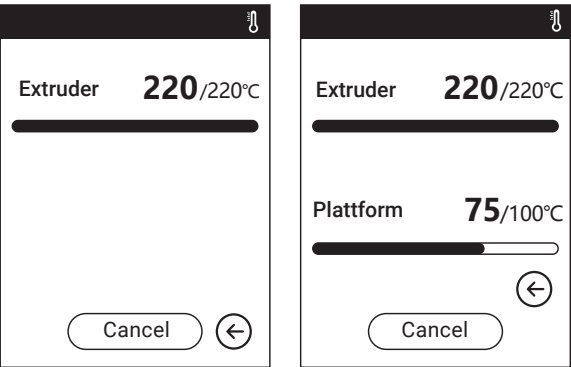
7. Click [Start] to start printing, the selected printer will start printing automatically.

2.3.2.2 Preheat setting



ON/OFF: Turn ON/OFF the extruder or platform preheat;
Tap **symbol, you could set preheat temperature;**
Long press **symbol, set preheat temperature rapidly;**

Extruder/Platform preheat interface



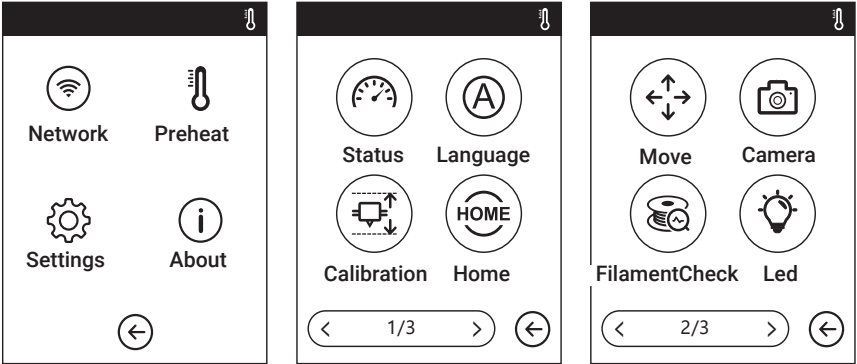
It contains actual temperature, target temperature and heating progress.

Extruder highest preheat temperature: 230°C

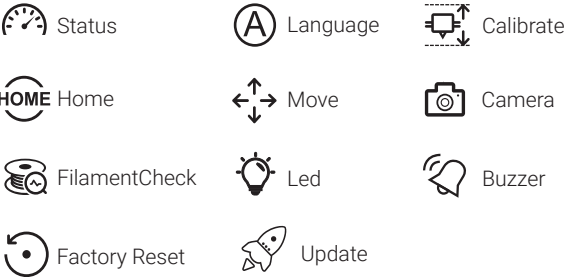
Platform highest preheat temperature: 100°C

Tap **Abbrechen** : Abort the preheat job.

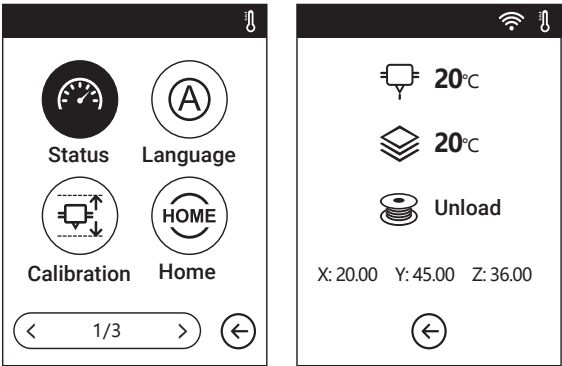
2.3.2.3 Settings



Menu settings

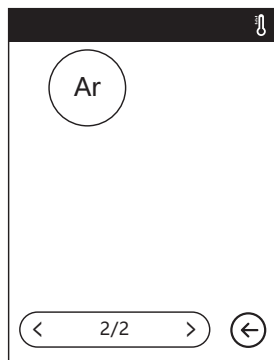
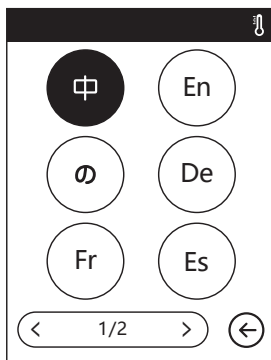
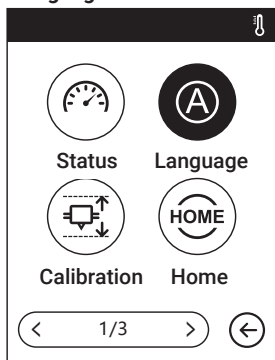


Status

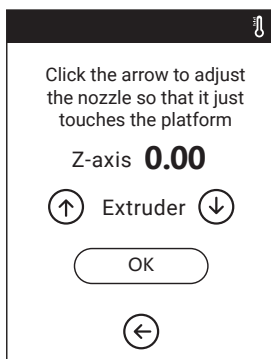
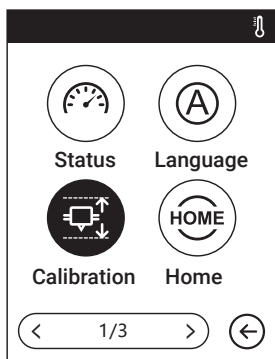


 It displays the real-time coordinates of X-axis, Y-axis, Z-axis and the real-time temperature of extruder and platform.

Language



Choose the target language.



Calibration

To calibrate the initial distance between extruder and platform. After homing completed, slide the piece of paper continuously back and forth between the nozzle and the build plate. And simultaneously manually tap up and down arrow to adjust the distance until the paper causes a slight friction. Tap [OK] to complete calibration.

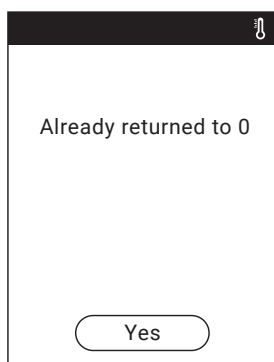
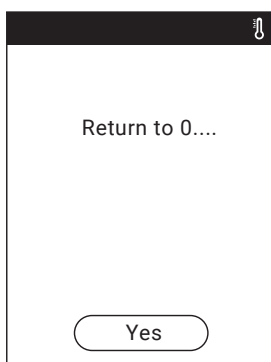
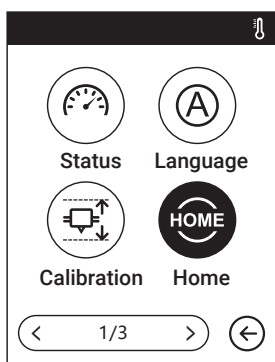


Up arrow: Extruder will elevate, away from the platform.

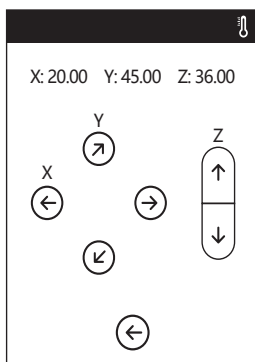
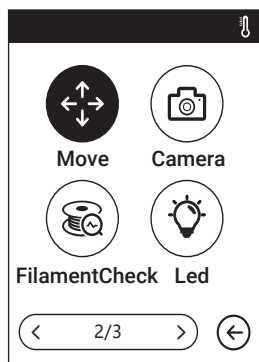


Down arrow: Extruder will descend, move close to the platform.

Home

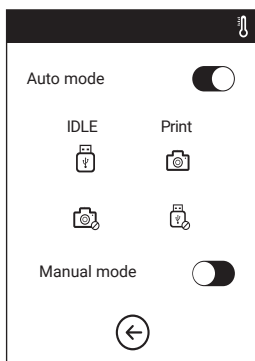
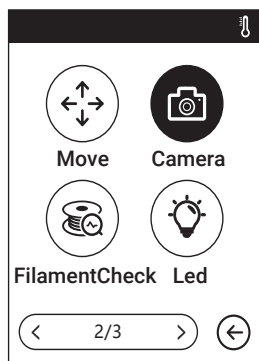


To make the X, Y and Z axes back to the mechanical zero point.



Manual:
To manually adjust the positions of extruder and build plate.

- Extruder moves to the right
- Extruder moves to the left.
- Build plate moves to the front.
- Build plate moves to the back.
- Extruder moves upward.
- Extruder moves downward.



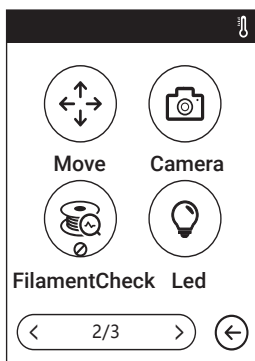
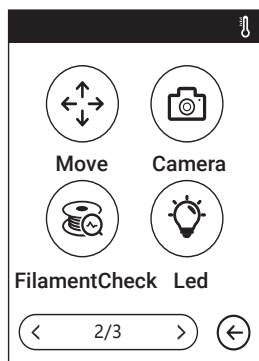
Camera:
Turn on or turn off the camera.

Auto Mode:
Printing: Camera is on.
USB stick is off.
Idling: Camera is off.
USB stick is on

Manual Mode:
Users choose camera is on or USB stick is on, when one of them is on, the other is off.

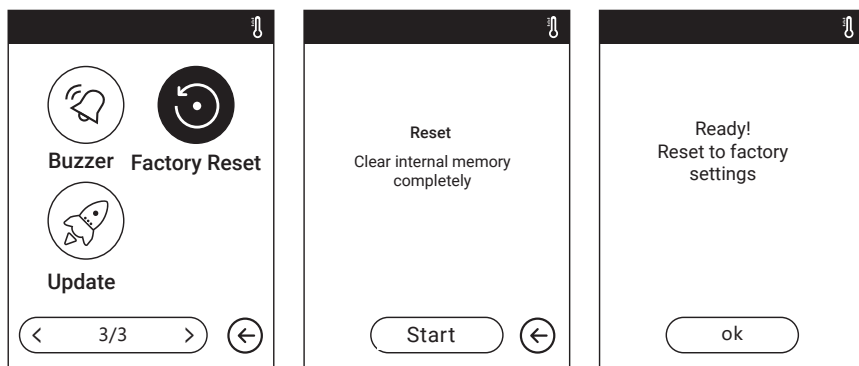
Note: when using cloud print and using camera function on cloud, camera will be on manual mode, USB stick will be off. Turn on the auto mode on printer if you want to turn off the manual mode.

More details about Camera, please check Chapter 2.5.



Filament check:
To turn on/off the filament check, notice will pop out when filament is used up or suspended when the check is turned on.

Led: To turn on/off the light.

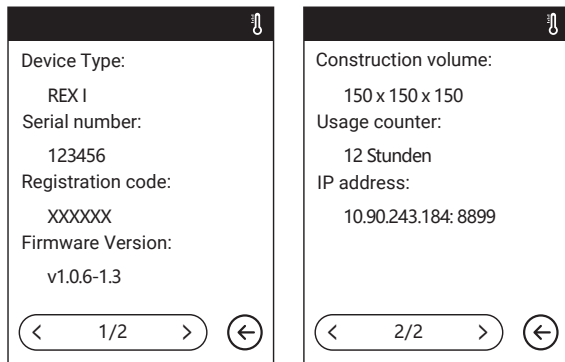


 **Factory Setting:** Delete all data in internal memory, return the printer to factory setting.

 **Buzzer:** To turn on/off the buzzer.

 **Update:** To update printer firmware.

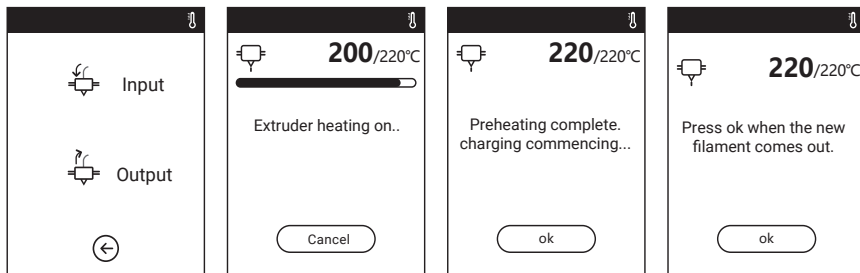
2.3.2.4 About



Shows the basic information about the printer.

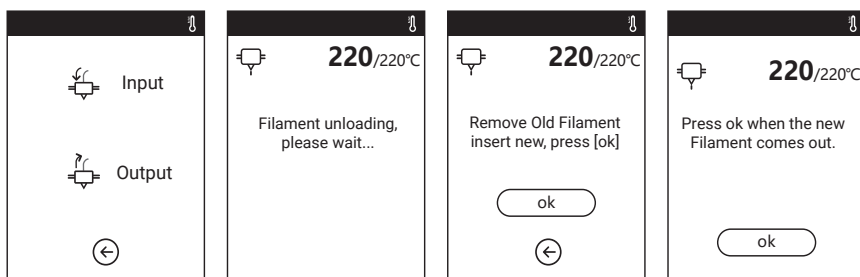
Notice: When contacting after-sales support, please give your Serial No to after-sales engineer, which is showed in the [About] interface.

2.3.3 Tools



Load

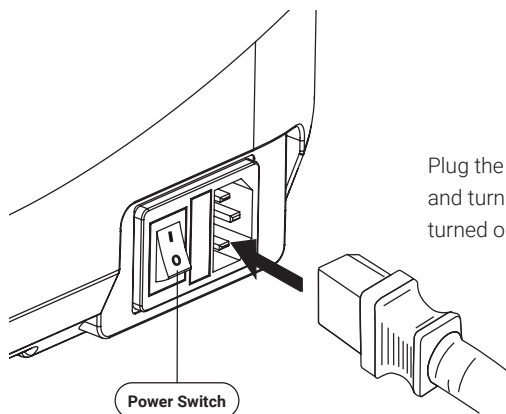
- The extruder is heated up to 220°C.
- After heat completed, insert the filament into the extruder at an upright angle until some resistance is sensed (as the filament is pushed through the feeding wheel).
- Load will complete when you see filament come out of extruder.



Switch

- The extruder is heated up to 220°C, after heat completed, filament will be unloaded from the extruder.
- Pull out the filament according to the instruction.
- Insert new filament into the filament intake, tap [OK] ;
- New filament will be pushed into the extruder, replace will complete when you see new filament come out of extruder.

2.4 Print

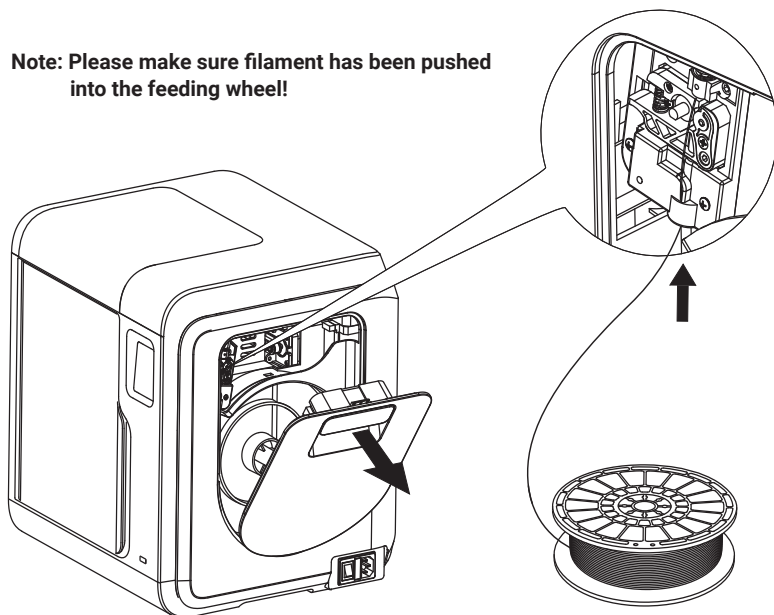


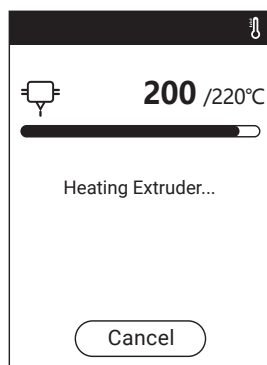
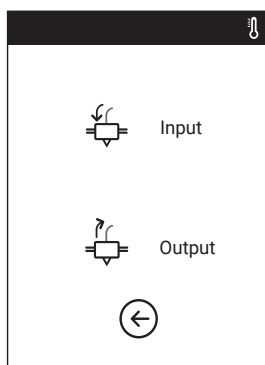
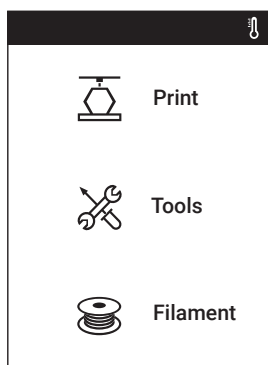
Plug the power cable into the input on the right side and turn on the power switch, the touch screen is turned on.

2.4.1 Load Filament

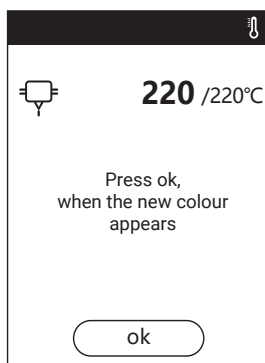
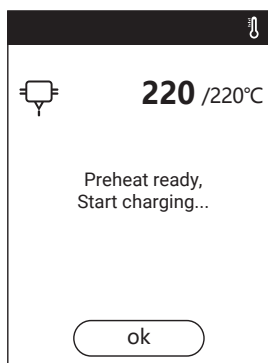
1. Open the filament cover, insert the filament into the filament intake, push filament into the feeding wheel until some resistance is sensed.

Note: Please make sure filament has been pushed into the feeding wheel!

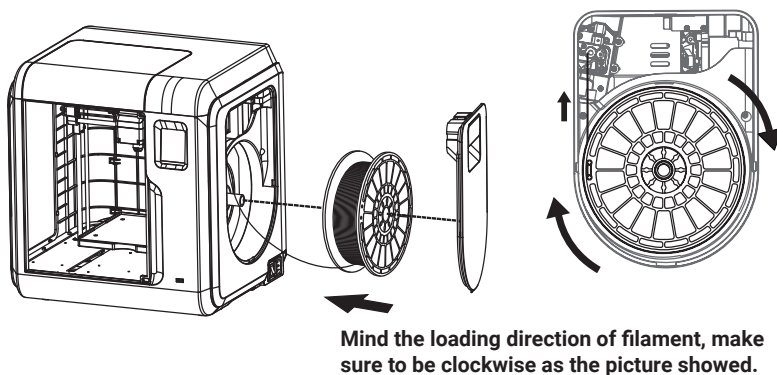




2. Tap [Filament]--Tap [Load]--After Load completed--Tap [OK]



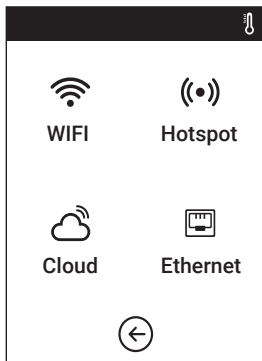
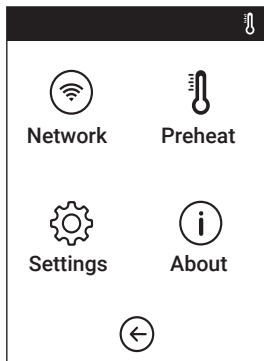
3. Load completed when you see filament come out of extruder, Tap [OK]. Put the spool of filament on the spool holder, close the filament cover.



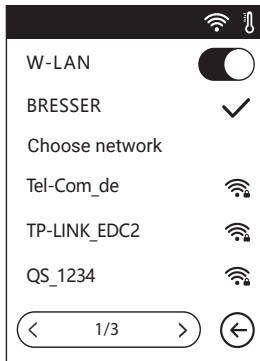
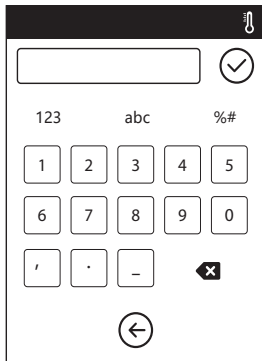
2.4.2 Model file transfer

After generating the Gcode file, you can transfer it to your WIFI 3D Printer with different network methods. If use USB stick to print, please insert your USB stick with target .g/.gx file to your WIFI 3D Printer, there will be no need to set new network.

Method 1: WiFi Connection

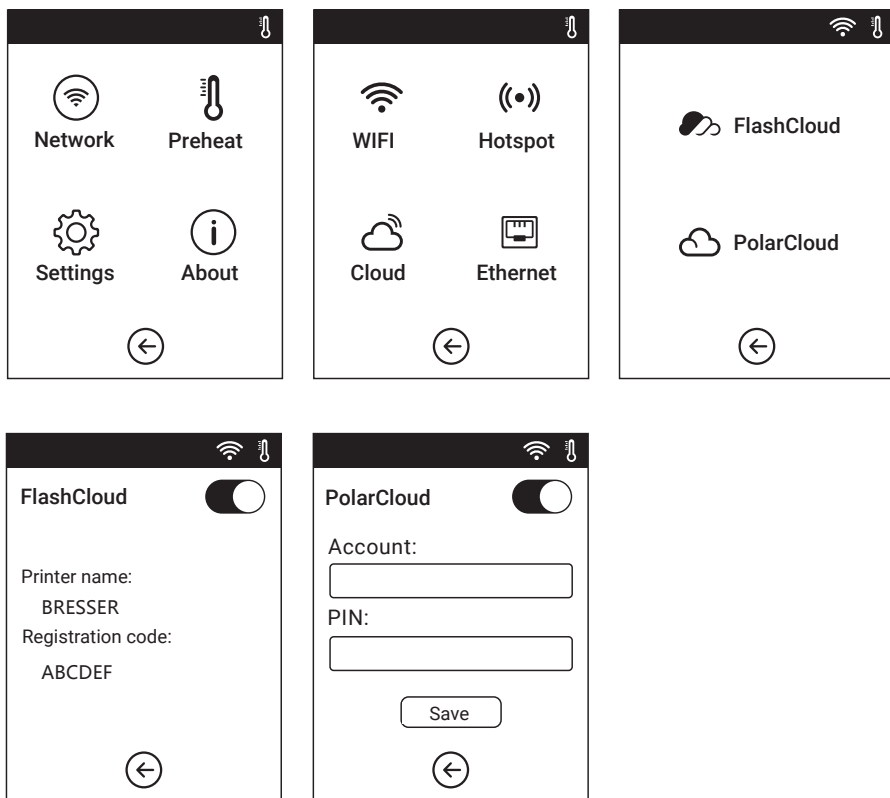


1. Tap [Tools]--Tap [Network]--Tap [WIFI]



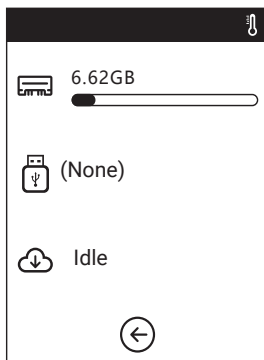
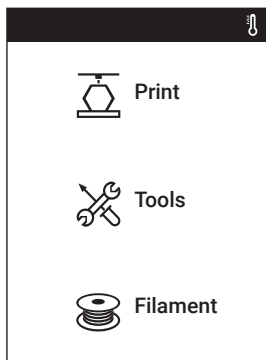
2. Choose a network and input the password.

Cloud connection

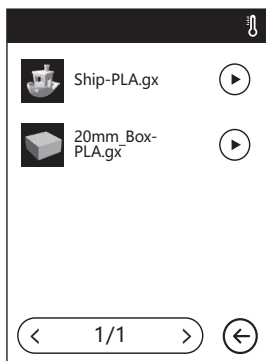


1. Turn on the WiFi or Ethernet connection, connect the printer to internet successfully.
2. Tap[Tools]-Tap[Network]-Tap[Cloud] on the printer;
3. Turn on the Cloud Connection function; 4. Register your cloud account and set your settings on <https://cloud.sz3dp.com> with the registration code on printer's touch screen, or register your cloud account on <https://polar3d.com> to get your polar3d account and pin code.

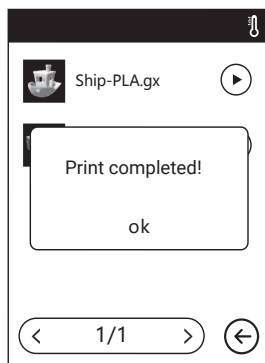
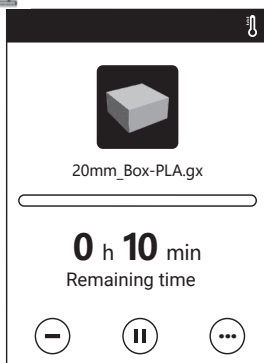
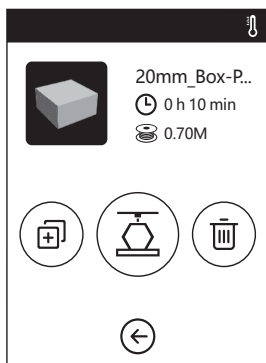
2.4.3 Print



1. Tap [Build], choose the file path: Printer internal memory, USB stick, Cloud.

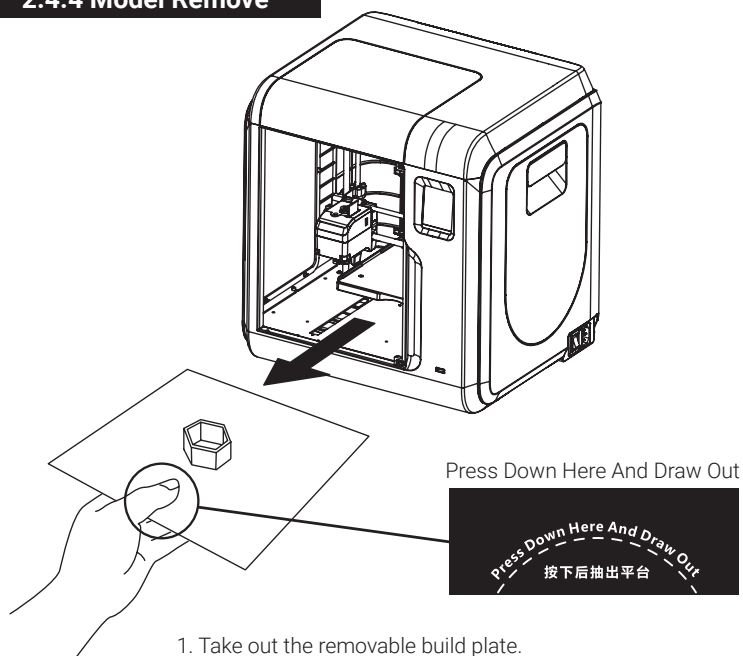


2. Choose the model file, tap  on its right to start printing; or tap model picture or model name to enter detail page, tap  to start printing.



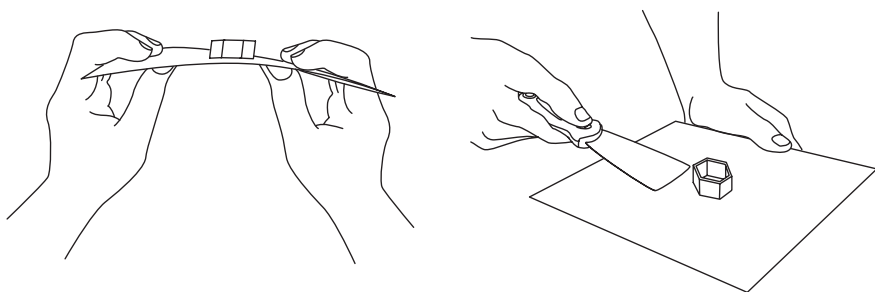
3. Extruder will heat up automatically, when heating finishes, the printer will start to build the model. After printing completed, printer will sound a beep and pop out a notice on the touch screen.

2.4.4 Model Remove



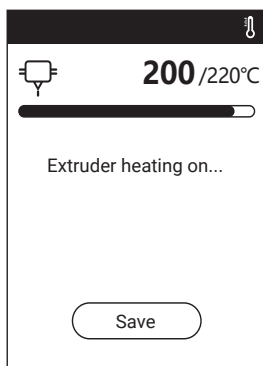
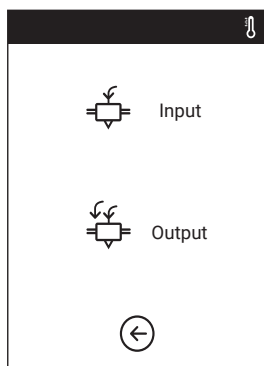
Notices

When printing completed, extruder and build plate may still be hot, please start operating after cooling down!

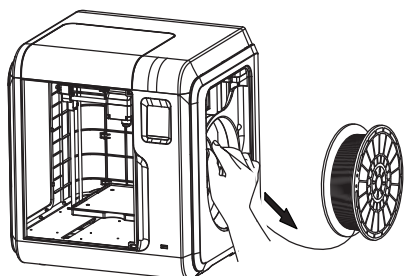


2. Bend the build plate, the plate will produce certain deformation, separating the plate away from the bottom of model (Please use a scraper to assist removing when model is too small or big).

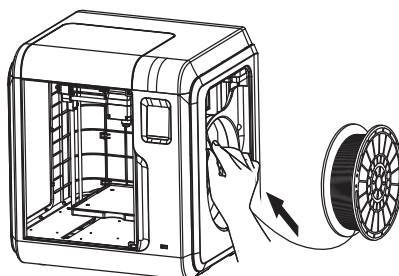
2.4.5 Replace Filament



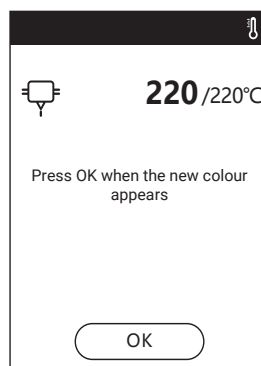
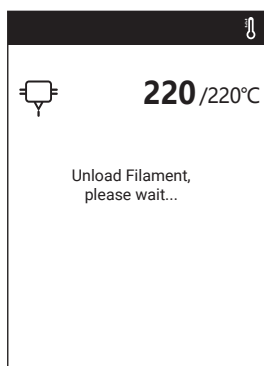
1. Tap [Filament]--Tap [Change], extruder will start preheating.



2. Pull out the filament as the picture showed above.



3. Insert new filament into the filament intake and push the filament into the feeding wheel until resistance is sensed.



4. When new filament come out of extruder steadily, replace is completed, Tap [OK].

2.5 The Guide of Using Camera

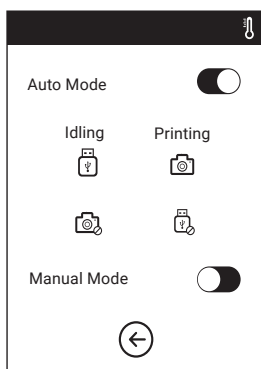


Camera User Manual

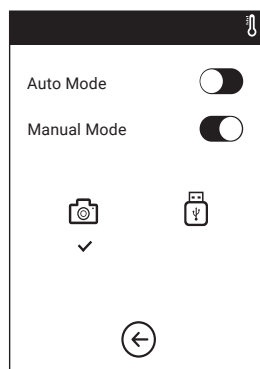
Camera and USB Disk use the same interface, so the use of WIFI 3D Printer's camera is different from that of other models. The use of WIFI 3D Printer's camera and the use of WIFI 3D Printer's USB Disk are incompatible (that is, only one (camera or USB Disk) can be used in the same time). The switching between camera and USB Disk can be realized through the Cloud or the lower computer. The use of WIFI 3D Printer's camera is introduced as follows.

2.5.1. The switching can be controlled by the lower computer.

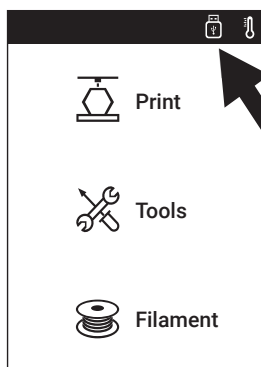
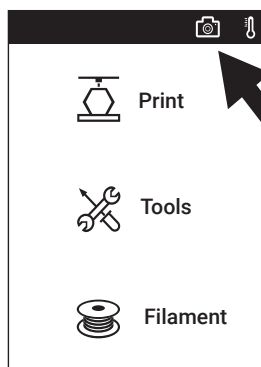
In respect of the use of WIFI 3D Printer's camera, there are two modes, that is automatic mode (default mode) and manual mode. The route is (Tools->Settings (on the second page) -> Camera), the user can click the "Camera" button to enter the relevant page.



Automatic Mode: When the printer is working (such as the printer is printing the files), the camera is turned on and USB Disk is turned off. When the printer is not working, the camera is turned off and USB Disk is turned on.



Manual Mode: The switching between camera and USB Disk can be controlled by the user at will.



Notices

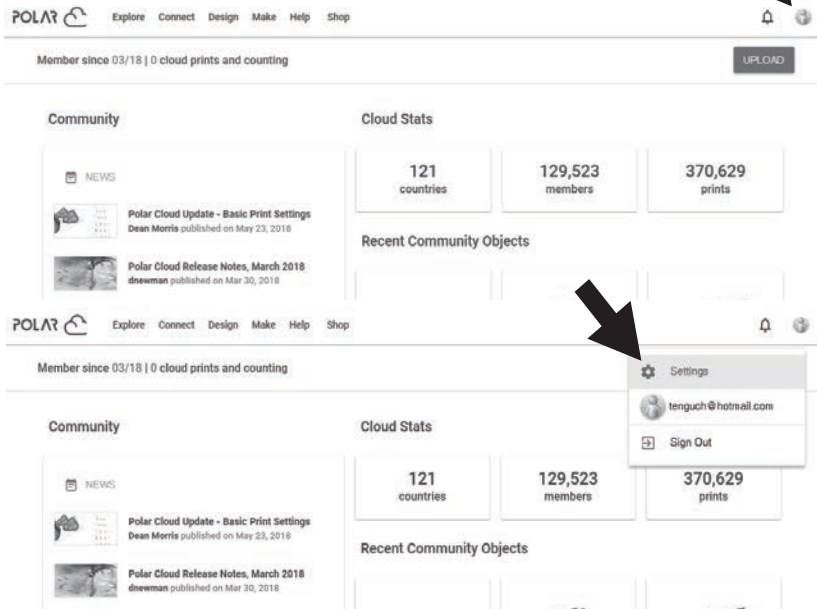
When the user wants to use the browser to view the images, the printer and PC must be in an intranet (that is, the printer and PC connect to the same router).

After the camera is turned on successfully, the icon of camera will appear in Status Bar. After the camera is turned off, the icon of USB Disk will appear in Status Bar in case of successful insertion of USB Disk.

2.5.2. PolarCloud camera use

1. Register Polar cloud account Enter www.polar3D.com web-site to register account.

2. Find Polar cloud pin code



(1). After registering polar cloud and log in polar cloud webiste, click the upper right arrow, click [Settings]

Location

Biography

Website URL

<http://www.example.com/profile>

Email

+ ADD Email

PIN Code

XXXX

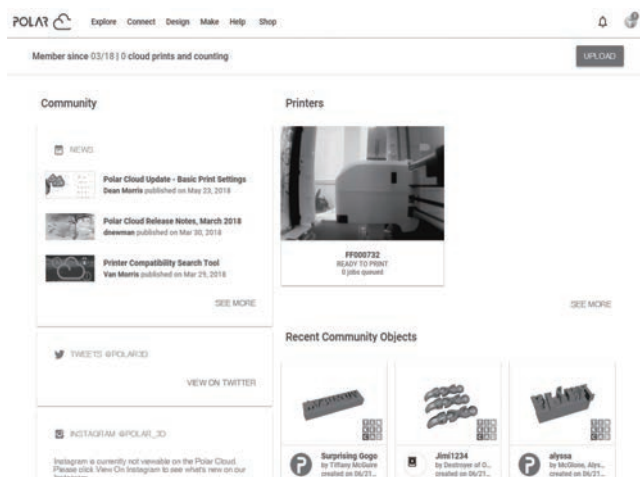
(2). Find PIN Code on the bottom of the page, the display numbers is PIN code.

3. Connect WIFI 3D Printer to the internet. Choose the proper connecting way in the Network interface (the connecting way consults pagexx).

4. Connect WIFI 3D Printer to the Polar cloud.

Enter the cloud connection interface (click Tools-NetworkCloud), turn on the Polar cloud switch (After the Polar cloud is turned on, the switch will change in to green).

Fill in the bottom account and pin code column Polar account and Pin code showed before respectively, click Save.



After the connection is completed, you can see the camera image in Polar cloud website.

⚠ Notices

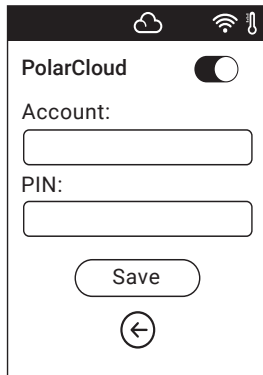
1. Make sure the printer is connected to the internet.
2. When using the camera please make sure the camera is in the camera status instead of USB status. (there should be a camera icon in the status bar).



2.5.3. The switching can be controlled through the Cloud

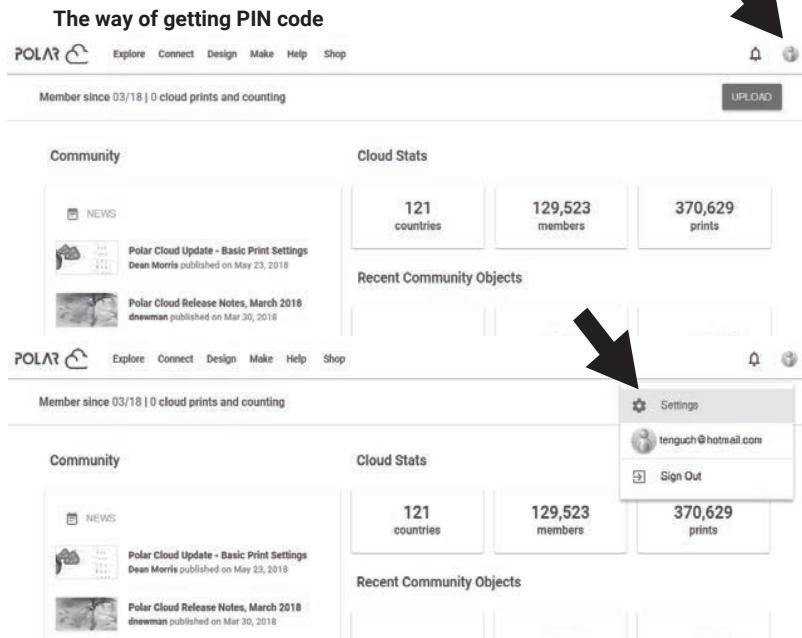
1. Connect to Polar Cloud

The user can turn on or turn off the camera through Polar Cloud. Click Tools-> Communication -> Cloud Connect -> Polar Cloud, enter the settings page of Polar Cloud, click the input boxes of account number and PIN, enter the account number and PIN, click the "Start" button to connect to Polar Cloud. The account number is the mailbox used for sign-up with Polar Cloud; for the acquisition of PIN.



The guide of getting a Polar cloud account.

The Polar cloud account is the register email account.
Polar cloud website: www.polar3D.com



(1). After registering polar cloud and log in polar cloud webiste, click the upper right arrow, click [Settings]

Location

Biography

Website URL

<http://www.example.com/profile>

Email

+ADD Email

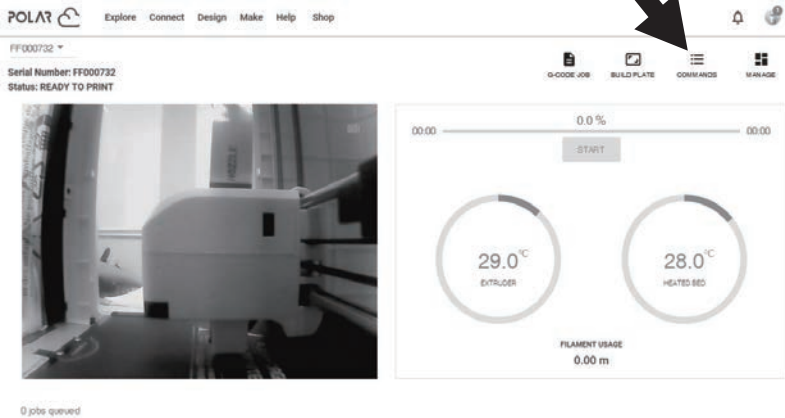
PIN Code

XXXX



(2). Find PIN Code on the bottom of the page, the display numbers is PIN code

2. Open or close the camera through the Cloud.



(1). After switching on the camera function, click camera image on the front page to enter the interface like this, click the COMMANDS button pointed by the arrow.

CUSTOM COMMANDS

☐ open Camera

☐ close Camera

CANCEL

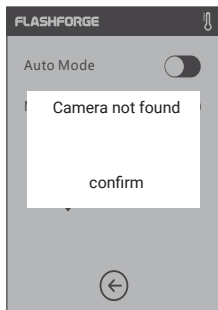
SEND

(2). You can use check mark to open or close the camera in the pop-up window.

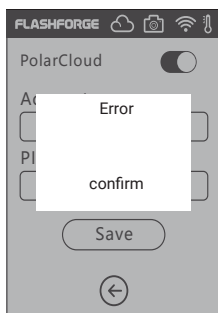
⚠ Notices

- a. If PolarCloud is in an intranet (that is, the printer and PC connect to the same router), the video is shown, and the state of printing can be displayed in real time. If PolarCloud is in an extranet, the pictures are shown (in case of printing, a picture is sent per 20s; in case of not working, a picture is sent per 60s).
- b. When the camera is turned on or off, the lower computer will turn off and reconnect PolarCloud, so PolarCloud will not respond for a while. The recovery time depends on the state of network.
- c. After the camera is operated through the Cloud, the lower computer will set the camera to be in the manual mode; if the automatic mode is to be recovered, please set manually (Tools-> Settings (on the second page) -> Camera).

2.5.4. Error Handling



1. When the camera is damaged or not inserted, the error is reported in case of turning on the camera. At this point, the lower computer will automatically set the camera to be in manual mode and the camera is turned off.



2. If the lower computer does not connect to PolarCloud and the printer is deleted from the Cloud, the error is reported. At this point, the factory settings can be restored in order to solve the problem. After the lower computer connects to the printer and the printer is deleted from the Cloud, the sign-up needs to be done again according to the foresaid steps.

Chapter 3: Q&A

Q1: How to solve if the nozzle is clogged?

Method 1: Tap [Preheat], heat up the extruder to 240°C, after heating completed, press the air tube joint and pull out the filament guide tube. Check to see whether the filament is bended or filament tip is not smooth, cut filament tip smooth and flat, install the guide tube and filament back, Tap [Load] .

Method 2: If method 1 not improving, use an unclogging pin tool to unclog filament.

Method 3: If method 1 and method 2 not improving, please replace the nozzle.

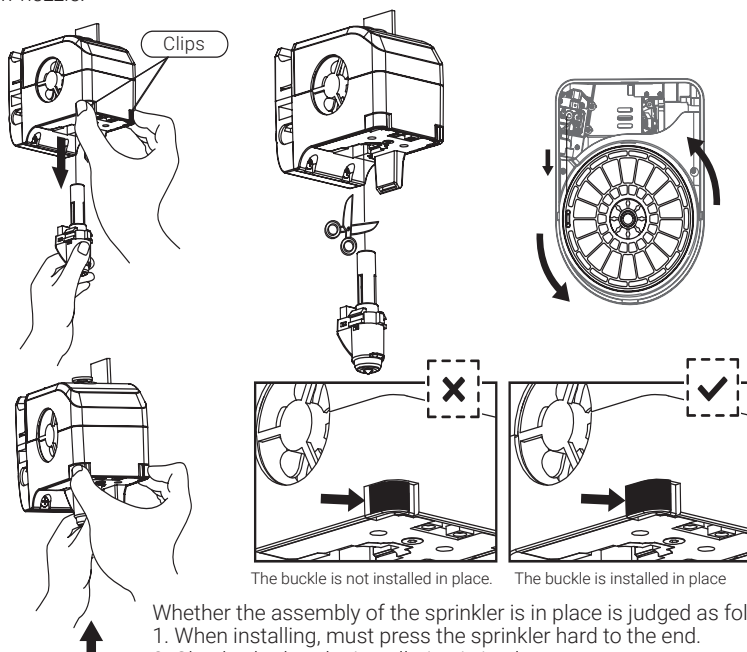
Q2: How to replace the nozzle ?

⚠ Notices

Power off before replacing nozzle! Make sure power off operation!

Please make filament tip smooth and flat when cutting off the filament.

1. Press the left and right clips and pull out the nozzle.
2. Push in a length of filament through the filament intake manually, making it long enough to be cut off.
3. Rotate the filament spool anti-clockwise manually, making filament retreat back a little.
4. Press the left and right clips, install the new nozzle back into the extruder, making the nozzle slot and bottom of extruder are on the same level.
5. Tap[Filament] -- Tap[Load], nozzle replace completed when you see filament come out of new nozzle.



Whether the assembly of the sprinkler is in place is judged as follows:

1. When installing, must press the sprinkler hard to the end.
2. Check whether the installation is in place:
 - (1) Touch the black buckle and white sprinkler's lower shell, make sure no sunken.
 - (2) Look at the black buckle and white sprinkler's lower shell, make sure there is not a large gap in the contact.

3. Do we need to do extruder calibration again after replacing nozzle?

Yes, do extruder calibration again to ensure high print quality as minimal error may be caused by extruder installation.

Q4: How to solve if displayed temperature is abnormal after replacing nozzle?

Abnormal temperature indicates extruder sensor can not be read, please check the nozzle whether it is well installed.

Q5: How to solve if no filament come out of extruder after tap [Build] model file and extruder begins moving normally?

1. Check the filament guide tube, make sure filament has been pushed into the extruder, if not, please tap [Load]. Restart building model file after you see filament come out of extruder.
2. Check the nozzle whether it is clogged or not, if so, please refer to Q1 for resolution.

6: How to replace the filament ?1. Tap[Filament]--Tap[Replace], after extruder heating up completed, filament will be unloaded, pull out the filament according to the instruction.

2. Insert new filament into the filament intake and feeding wheel, tap [OK]; New filament will be pushed into the extruder.
3. Replace will complete when you see new filament come out of extruder.

7: How to take down the model ?1. Take out the removable build plate.

2. Bend the build plate, the plate will produce certain deformation, separating the plate away from the bottom of model. (Please use a scraper to assist removing when model is too small or too big).
3. Take down the model.

8: How to solve if the distance between nozzle and platform is too large(far away) or too small(hit) during printing? 1. Tap[Setting]--Calibration.

2. The extruder homing automatically, moves down some height.
3. Tap up and down arrow to adjust the distance between extruder and platform until extruder is just about to touch platform.
4. Tap[OK], printer will memorize current calibration position and start homing automatically.

Q9: Can we use other brand filament which is not produced by BRESSER ?WIFI 3D Printer support normal ABS and PLA filament but different brand filament has different ingredients. WIFI 3D Printer tests out default settings according to the properties of BRESSER ABS and PLA filament.

Other brand filament is ok but not recommended for using, if that causes extruder clogging or bad printing quality or other failure, BRESSER will take no responsibility. These problems are not in the warranty of BRESSER

Q10: Is WIFI 3D Printer compatible with all kinds of AC power input?

WIFI 3D Printer is equipped with a built-in 24V/6.5A power supplier, suitable for 110V-240V input voltage.

Q11: Is WIFI 3D Printer capable to be turned off automatically after printing job is finished? No.

Q12: What kinds of file formats does WIFI 3D Printer support?

Input: 3mf / stl / obj / fpp / bmp / png / jpg / jpeg files.
Output: gx/g files.

Q13: Does WIFI 3D Printer support other cloud platform besides the FlashCloud?

Yes, WIFI 3D Printer interface is open up to all other cloud platforms.

Q14: Is the ABS printing safe?

ABS filament will give off certain poisonous gas when heated up, please put the printer in well ventilated condition when printing ABS. We suggest printing non-toxic PLA filament when printer is used in children activity places.

Q15: How to solve if printing result has edge warp?

Method1: Heating up the platform can solve or minimize the problem by increasing adhesion between platform and model.

Method2: Adding raft to model when slicing in FlashPrint.

Method3: Apply the solid glue to platform before printing.

Q16: Is it a must to add a raft before printing the model?

Not necessarily, much more filament will come out of extruder when printing the raft, increasing printing success. Heating up the platform also increases printing success by increasing adhesion between platform and model.

Q17: After replacing nozzle completed, printer status displays extruder temperature is 300°C, extruder fan is also working, what is the problem and how to solve?

The new nozzle is not properly installed, extruder temperature can not be read and the displayed extruder temperature is abnormal. Please plug out and install the nozzle again, push nozzle to the end, make sure the nozzle slot and bottom of extruder are on the same level.

Q18. The extruder makes out chug noise and no filament come out of extruder, what is the problem and how to solve ?

Filament has not loaded into extruder, making out chug noise, more likely the nozzle is clogged or filament guide tube is not properly installed. Check the guide tube joint first, if the guide tube is normal, refer to Q1 for resolution.

Q19: What is the difference between filament load and filament replace ?

Load: Only include loading filament into extruder.

Replace: Include loading and unloading two functions, first unloading and then loading filament.

20. WIFI 3D Printer starts printing when the distance between extruder and build plate is still large, causing filament can not stick to build plate and print fails.

Do the printer Calibration again or do the Homing again, then print again to check result.

Daily Maintenance Instruction:

Please apply lubricate grease to printer guide rods if you do not use it for a longer time. Do the same maintenance once a month if you use it regularly.

Chapter 4: Supports and Service

After-Sales-Support / Service

We offer an individual service for this product beyond the purchase. If you have any problems with the product, our support team will be happy to assist you.

For a smooth process, please keep the following information handy for possible inquiries:

- Service/warranty card
- Article number and description
- Date of purchase and dealer

Contact details:

E-Mail: **service.3d-printer@bresser.de** (preferred communication channel)

Internet: **www.bresser.de/c/en/service**

Telephone*: **00 800 – 63 43 7000**

Service hours:

Monday to Friday (except for holidays) 9:00 a.m. to 4:00 p.m.

*free hotline

Please quote the serial number when contacting customer service. The serial number is the barcode on the back of your WIFI 3D printer. Example:



S/N: FFAD*****



Bresser GmbH

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