

Qx14.2	The Y-axis limiter is abnormal		<p>1. Download the latest software from the official website and update the firmware after connecting the machine;</p> <p>2. Push the XYZ axis under the boot state to see if the axis is locked;</p> <p>If the XYZ axis does not lock, the main board needs to be replaced;</p> <p>If the XYZ axis is locked, it is proved that the motor has power supply, then proceed to the next step;</p> <p>3. Enter the debugging interface for windows system is 'Ctrl+F1' or 'Ctrl+Fn+F1' for MacOS is 'Command+F1') and test the Y axis separately;</p> <p>Click 'Y+' and 'Y-' to check the Y-axis movement on two directions;</p> <p>If the 'Y' axis can only move forward, there may be problems on limiter. It is necessary to check whether the Y-axis limit iron is in place and whether there is deformation. If there is, it is necessary to straighten it so that it can be aligned with the center of the photoelectric switch;</p> <p>Check whether the limiter is damaged: when machine is on, put a small piece of paper inside the photoelectric switch, to see if the light is normal. If the light on limiter is not on, the limiter needs to be replaced;</p> <p>If the Y-axis cannot move, there may be a problem with the motor of Y-axis. Check whether the interface of control line of the Y-axis motor is loose. It is necessary to replug both ends of the Y-axis motor line/replace the Y-axis motor control line /Y-axis motor. Proceed to the next step if the problem still exists;</p> <p>4. Replace the mainboard;</p>	<p>Replace the mainboard https://youtu.be/W-0TTW6E3g</p>	<p>Laser Cutter_X-axis motor control line_V1.0 Laser Cutter_Y2-axis motor control line_V1.0 Laser Cutter_Y3-axis motor control line_V1.0 Laser Cutter_Z-axis board control line_V3.0 L8_LaserCutter CtBoard_V1.1_PCB(A/Mainboard)</p>
Qx14.3	The limiter is abnormal(Alarm 9)	During laser head reset process, the limiter can not be found, terminate the printing task, the machine go into the fault status.	<p>1. Download the latest software from the official website and update the firmware after connecting the machine;</p> <p>2. Push the XYZ axis under the boot state to see if the axis is locked;</p> <p>If the XYZ axis does not lock, the main board needs to be replaced;</p> <p>If the XYZ axis is locked, it is proved that the motor has power supply, then proceed to the next step;</p> <p>3. Enter the debugging interface for windows system is 'Ctrl+F1' or 'Ctrl+Fn+F1' for MacOS is 'Command+F1') and test the Y axis separately;</p> <p>Click 'Z+' and 'Z-' to check the Z-axis movement on two directions;</p> <p>If the Z-axis can only move forward, there may be problems on limiter. It is necessary to check whether the Z-axis limit iron is in place and whether there is deformation. If there is, it is necessary to straighten it so that it can be aligned with the center of the photoelectric switch;</p> <p>Check whether the limiter is damaged: when machine is on, put a small piece of paper inside the photoelectric switch, to see if the light is normal. If the light on limiter is not on, the limiter needs to be replaced;</p> <p>If the Z-axis cannot move, there may be a problem with the motor of Z-axis. Check whether the interface of control line of the Z-axis motor is loose. It is necessary to replug both ends of the Z-axis motor line/replace the Z-axis motor control line /Z-axis control board/Z-axis motor. Proceed to the next step if the problem still exists;</p> <p>4. Replace the mainboard;</p>	<p>Replace the mainboard https://youtu.be/W-0TTW6E3g</p> <p>Replace the Z-axis control line https://youtu.be/7NgT5wDc0Uk</p>	
Qx15.0	Abnormal STM32 signal transmission	The software remind STM32 need to be upgraded.	/		
Qx15.1	Normal STM32 signal transmission	/	/		
Qx16	CPU temperature is too high	CPU temperature is too high	 <p>Shielded by nearby wires, the wires should be collected and put away; plug or with rev. in this situation, the CPU fan should be replaced.</p>	<p>Refer to the video of mainboard disassembly for wire collecting process https://youtu.be/W-0TTW6E3g</p>	6025 Environment-friendly fan
Qx17	Cannot find camera		<p>1. Download the latest software from the official website and update the firmware after connecting the machine;</p> <p>2. Try to restart the software and machine;</p> <p>3. Check whether the pin of camera control line was fallen off, if it is, re-plug it;</p> <p>4. Replug the camera interface on mainboard, which can also be changed to another interface;</p> <p>5. Check whether the connecting line is damaged, if it is, replace the connecting line from camera to mainboard;</p> <p>6. Replace the mainboard.</p>	<p>replace the mainboard https://youtu.be/W-0TTW6E3g</p>	Fisheye camera
Qx18.1	X-axis limiter is abnormal(Alarm 8)	X-axis cannot clear limit signal during reset (Alarm 8 error), machine enters fault status	Refer to Qx141	Refer to Qx14	Refer to Qx14
Qx18.2	Y-axis limiter is abnormal(Alarm 8)	Y-axis cannot clear limit signal during reset (Alarm 8 error), machine enters fault status	Refer to Qx142	Refer to Qx14	Refer to Qx14
Qx18.3	Z-axis limiter is abnormal(Alarm 8)	Z-axis cannot clear limit signal during reset (Alarm 8 error), machine enters fault status	Refer to Qx143	Refer to Qx14	Refer to Qx14
Qx18.4	Limiter is abnormal(Alarm 8)	During the laser head reset process, the limit signal cannot be cleared(Alarm 8 error), but the limit status of XYZ axis are all 0, and the machine enters failure status	Refer to Qx14	Refer to Qx14	Refer to Qx14
Wx01	The cover is open	Stop the printing task	/		
Wx02	The cover is closed	/	/		
Wx03	Start off-line printing	Start off-line printing	/		
Wx04	Continue printing	Continue printing	/		
Wx05	Stop Printing	Stop Printing	/		
Wx06	Long press the button to stop printing	Stop Printing	/		
Wx07	The machine went into hibernation	/	/		
Wx08	The machine is out of hibernation	/	/		
Wx09.0	Normal print completed	/	/		
Wx09.1	Abnormal print termination	/	/		
Wx10.0	Start to align the focal length	/	/		
Wx10.1	Focal length alignment success	/	/		
Wx10.2	Focal length alignment failed	/	/		
Wx11	The task is overwritten by another host machine	When host computer A sends the printing task (before pressing the start printing), another host computer B sends the task to cover the task of A, the machine will send Wx11.1 A to indicate that the task is covered.			
Wx12	The drawer is opened	When software sends SNAP HTTP to take a picture, the machine detects if the drawer is open, and if the drawer is open, the machine sends Wx12 to the software.			
"CPU temperature warning"	The temperature of CPU is too high	The temperature of CPU is too high.			
"Can not find subcamera !!!"	Cannot find the camera	Cannot find the camera	Refer to Qx17		
	The device is reset, please try again later		<p>1. It is usually caused by the user's urgent operation. When the machine has just finished processing and the purifier has not been stopped, a new command was sent. At this situation, wait for the reset and resend the command;</p> <p>2. Try to restart the machine and software;</p> <p>3. Extract the work log for analysis;</p> <p>4. Refer to Qx14.</p>	/	/
	The temperature of basebox is too high to use		Refer to Qx01.	/	/
	Failed to get thickness. Please try later		<p>Possible causes and solutions:</p> <p>1. The table is not flat;</p> <p>Place the machine on a rigid tabletop or ground</p> <p>2. A large amount of smoke and dust crystallization on infrared lamp leads to insufficient brightness</p> <p>Clean the surface of the infrared lamp regularly</p> <p>3. Residual waste of material on honeycomb panel</p> <p>After machine cutting, clean the waste drag on worktable in time</p>		