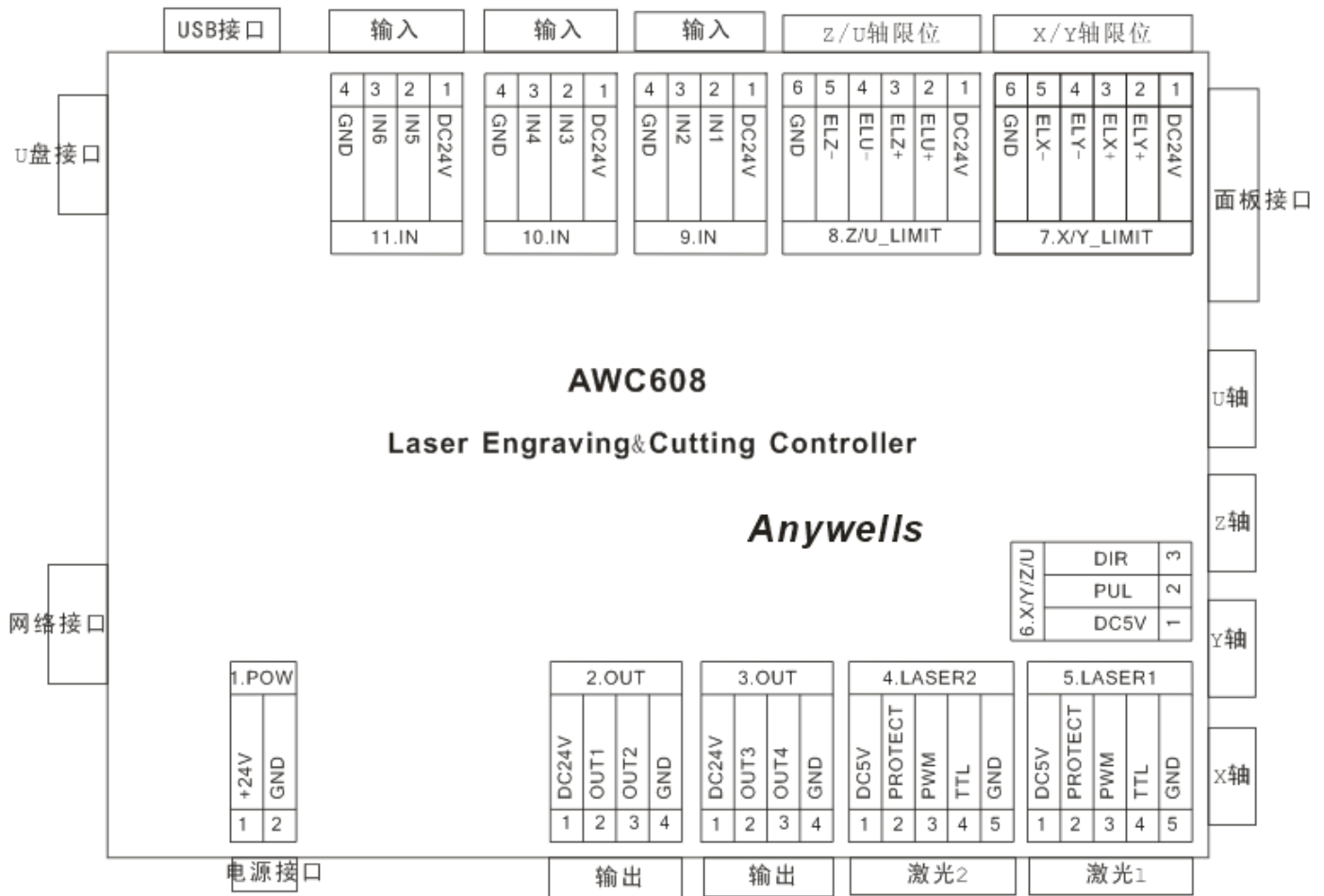


AWC608 主板接口说明



1. POW Power interface

Pin	Definition
1	+24V, Positive power supply
2	GND, Negative power

2. OUT Out interface

Pin	Definition
1	DC24V, Power(OUT)
2	OUT1, Blowing signal(The whole process of blowing) The machine is idle, the motherboard output OUT1 high; The machine is working, the motherboard output OUT1 is low.
3	OUT2, Blowing signal(The whole process of blowing) The machine is idle, the motherboard output OUT1 high; The machine is working, the motherboard output OUT1 is low
4	GND, Power ground(OUT)

3.OUT Out interface

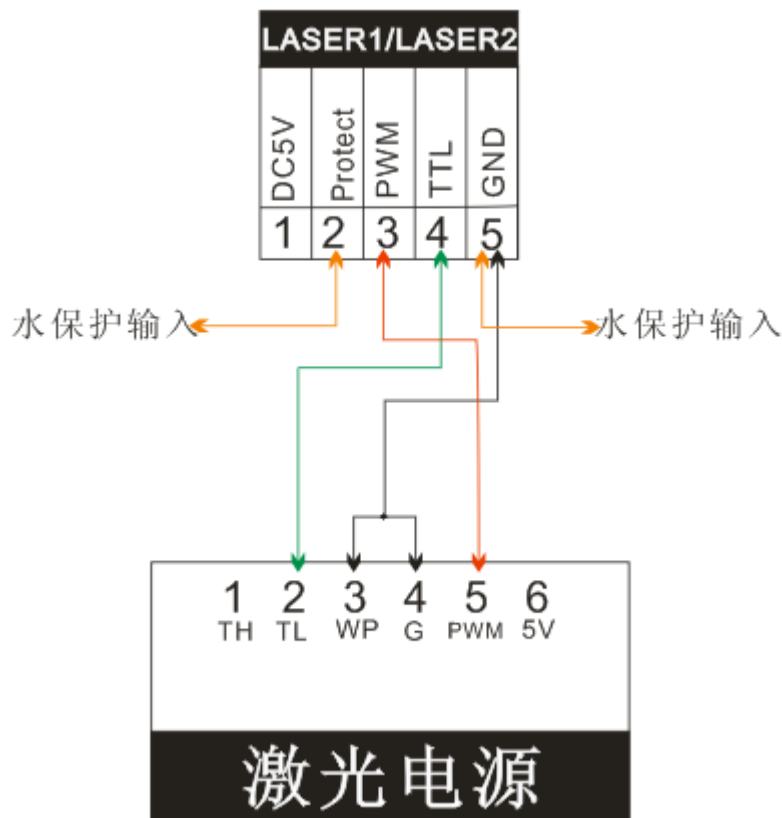
Pin	Definition
1	DC24V, Power(OUT)
2	OUT3, Output signal (reservations)
3	OUT4, Output signal (reservations)
4	GND, Power ground(OUT)

4.Laser2 Laser 2 interface

Pin	Definition
1	DC5V, Power(OUT)
2	PROTECT, Water protection input signal
3	PWM, Laser power
4	TTL, Laser switch signal
5	GND, Power ground(OUT)

5.Laser1 Laser 1 interface Similar the 4 .laser2

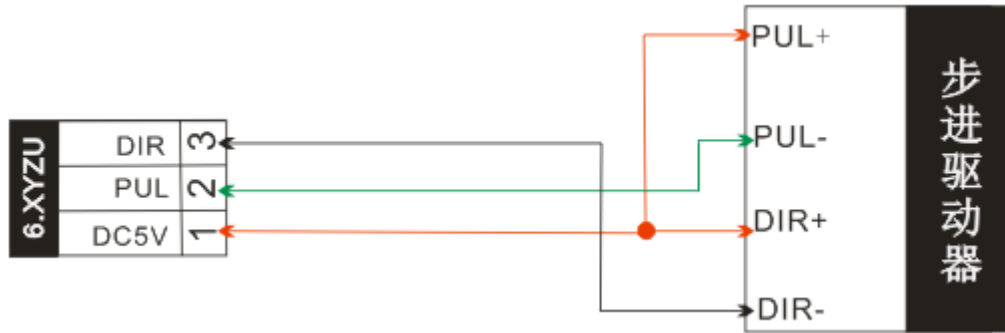
The laser interfaces with the the universal laser power connection as shown below



6.X/Y/Z/U axis interface

Pin	Definition
1	DC5V, Power(OUT)
2	PUL, Pulse signal
3	DIR, Direction signals

The interface with the drive connected as shown below:



7.X / Y limit interface

Pin	Definition
1	DC24V, Power(OUT)
2	ELY+; the upper limit of Y_axis the axis movement to the sensor signal input signal at the maximum coordinate limit
3	ELX+; the upper limit of X_axis the axis movement to the sensor signal input signal at the maximum coordinate limit
4	ELY-; The lower limit of the Y-axis, the axis movement to a minimum at the coordinate (zero position) limit sensor signal input signal.
5	ELX-; The lower limit of the X-axis, the axis movement to a minimum at the coordinate (zero position) limit sensor signal input signal.。
6	GND Power ground(OUT)

8.Z/U limit interface

Pin	Definition
1	DC24V, Power(OUT)
2	ELU+; the upper limit of U_axis the axis movement to the sensor signal input signal at the maximum coordinate limit
3	ELZ+ the upper limit of Z_is the axis movement to the sensor signal input signal at the maximum coordinate limit

4	ELU-; The lower limit of the U-axis, the axis movement to a minimum at the coordinate (zero position) limit sensor signal input signal.
5	ELZ- The lower limit of the Z-axis,the axis movement to a minimum at the coordinate (zero position) limit sensor signal input signal.。
6	GND Power ground(OUT)

8.IN put interface

Pin	Definition
1	DC24V, Power(OUT)
2	IN1, Cap protection signal (input), active low
3	IN2, The footswitch signal (input), active low
4	GND Power ground(OUT)

9.IN input interface

Pin	Definition
1	DC24V, Power(OUT)
2	IN3, Input signal (reserved)
3	IN4, Input signal (reserved)
4	GND Power ground(OUT)

10.IN input interface

Pin	Definition
1	DC24V, Power(OUT)
2	IN3, Input signal (reserved)
3	IN4, Input signal (reserved)
4	GND Power ground(OUT)