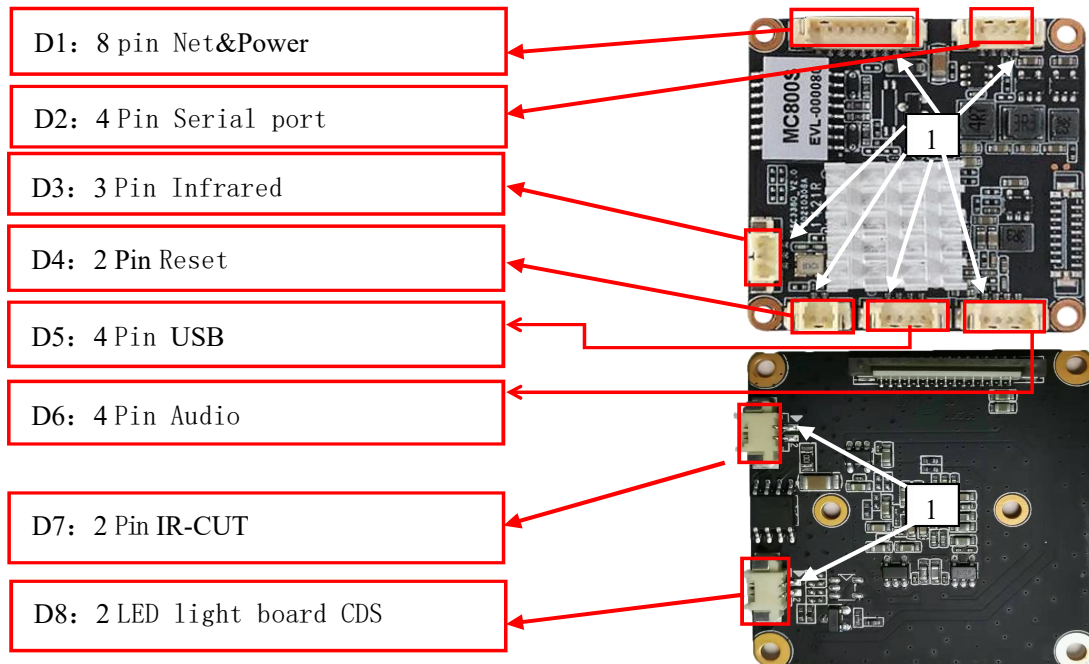


## A12S77 Wiring



The white arrow points to the first pin

Interface pin definition

Code	Function	Number	Definition	Function of pin
D1	8 Pin Network&Power	1	DC 12V+	DC 12V
		2	GND	GND
		3	RJ45_6	RJ6 RX-
		4	RJ45_3	RJ3 RX+
		5	RJ45_2	RJ2 TX-
		6	RJ45_1	RJ1 TX+
		7	LED+	LED
		8	LED+	LED
D2	4 Pin Serial port	1	GND	GND
		2	AF_TX	AF Autofocus port
		3	AF_RX	NC
		4	SPK_EN	Amplifier IO
D3	3 Pin Soft PWM port	1	PWMO	Soft warm light
		2	PWM1	Soft infrared light
		3	GND	GND
D4	2 Pin Reset	1	RESET	Reset
		2	GND	GND

<b>D5</b>	4 Pin USB Port	1	USB_3.3V	
		2	USB_D+	
		3	USB_D-	
		4	GND	
<b>D6</b>	4 Pin Audio Port	1	GND	GND
		2	AUDIO_OUT	Speaker
		3	AUDIO_IN	Audio pickup
		4	GND	GND
<b>D7</b>	2 Pin IR-CUT Port	1	IR-CUT control	Filter switcher
		2	IR-CUT control	Filter switcher
<b>D8</b>	2 Pin LED CDS	1	CDS_IN	Infrared signal in
	Infrared signal	2	GND	GND