

Programming&Configuration Tool (MSSL200)

Intelligent Control System

Benefits

This product is design for programme and configure MOONS' LED Drivers (AQI, CLK, CLKS, and CP series).

Just use the connection of different products can be used with different.

Easy to use. Just use the USB cable connected to the PC. You can programme and configure MOONS' LED Drivers by graphic operation.

For the LED drivers configuration mode, Don't need for LED drives connected to AC power supply, convenient field use.

This product applies to the customer factory and field use.

Features

Safety, USB Bus power supply;

Configuration function, can match MOONS' all series programmable LED drives;

Programming function, can be used for a variety of LED drivers;

Testing and debugging function: can output 0-10V analog signal and 10V PWM signal, to dimming LED drivers;

Can be used as a USB to UART conversion tool (Optional);

The generic USB driver, USB driver using the FTDI utility;

Size: 68.3*64.3*25.5mm, for desktop use.



• Input Side



Output Side



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Technical Specification				
Parameter	Test condition	Value		
Input voltage	USB bus power	4.8~5.2VDC		
Current rating	USB bus power	< 250mA		
Signal PIN voltage	PIN 4,5 to GND , Configurable	3.0~3.3V or 4.7~5.0VDC		
Signal PIN current	PIN 4,5 to GND	< 20mA		
Output voltage	PIN 2 to GND , Configurable	3.2~3.3V or 4.8~5.0V		
Output H voltage	PIN 6 to GND , Configurable	15~17V		
Output Current	PIN 2,6 to GND	<20mA		
Dimming PIN voltage	PIN 1 to GND , Configurable	0~13.5VDC		
Dimming PIN current	imming PIN current PIN 1 to GND , Configurable			
PWM frequency	PWM frequency PIN 1 to GND , Configurable			
USB transmission rate	JSB transmission rate USB I/O			
UART transmission rate PIN 4,5 to GND		9600bps default		

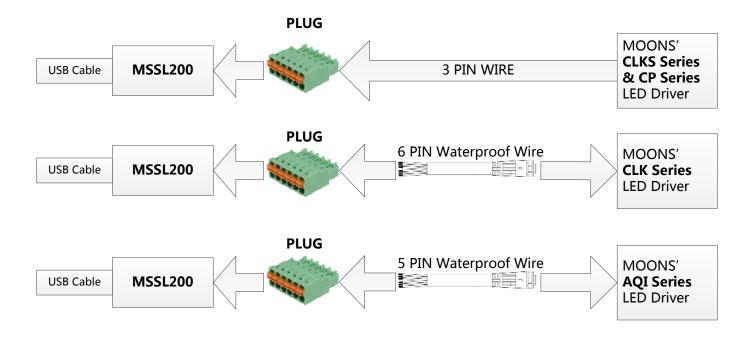
Pin Definition				
1	0~10V OUTPUT/PWM OUTPUT/RESET OUTPUT/HVPP OUTPUT/LED Code			
2	VCC OUTPUT			
3	GND			
4	TXD/SWDP CLK/ICSP CLK			
5	RXD/SWDP DAT/ICSP DAT			
6	VCC H OUTPUT			



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Link to LED Drivers



Wiring Definition					
No.	CLKS&CP Series	CLK Series	AQI Series		
1	LED Code(Purple)	HVPP Output(Yellow)	HVPP Output(Yellow)		
2	NC	VCC Output(Red)	VCC Output(Red)		
3	GND(Gray)	GND(Black)	GND(Black)		
4	NC	DAT(White)	DAT(White)		
5	NC	CLK(Green)	CLK(Green)		
6	VCC H Output(Yellow)	NC	NC		