

G·WEIKE

M Series

Installation Manual



Laser Detection Procedures

1. Find the USB-to-232 serial cable provided with the machine.



2. Insert the 9-pin connector into the laser and the USB connector into the computer.



3. Open the laser detection software

Parameter	2025/6/11 16:29	文件夹	
GalaSoft.MvvmLight.dll	2021/4/29 8:52	应用程序扩展	29 KB
GalaSoft.MvvmLight.Extras.dll	2021/4/29 8:52	应用程序扩展	21 KB
IdentityServer3.dll	2018/10/17 0:29	应用程序扩展	3,397 KB
LaserApplication_SC.exe	2024/7/16 10:12	应用程序	1,438 KB
LaserApplication_SC.exe.config	2022/11/16 22:08	CONFIG 文件	1 KB
LaserApplication_SC.pdb	2024/7/16 10:12	PDB 文件	1,056 KB
log4net.dll	2021/4/29 8:52	应用程序扩展	270 KB
Login.xml	2023/6/15 15:12	Microsoft Edge ...	1 KB
MacConfig.bin	2023/10/17 14:42	BIN 压缩文件	1 KB
Newtonsoft.Json.dll	2023/3/8 7:10	应用程序扩展	696 KB
NModbus4.dll	2021/4/26 8:45	应用程序扩展	83 KB
NPOI.dll	2016/5/22 4:35	应用程序扩展	1,640 KB
NPOI.OOXML.dll	2016/5/22 4:35	应用程序扩展	483 KB
NPOI.OpenXml4Net.dll	2016/5/22 4:35	应用程序扩展	89 KB

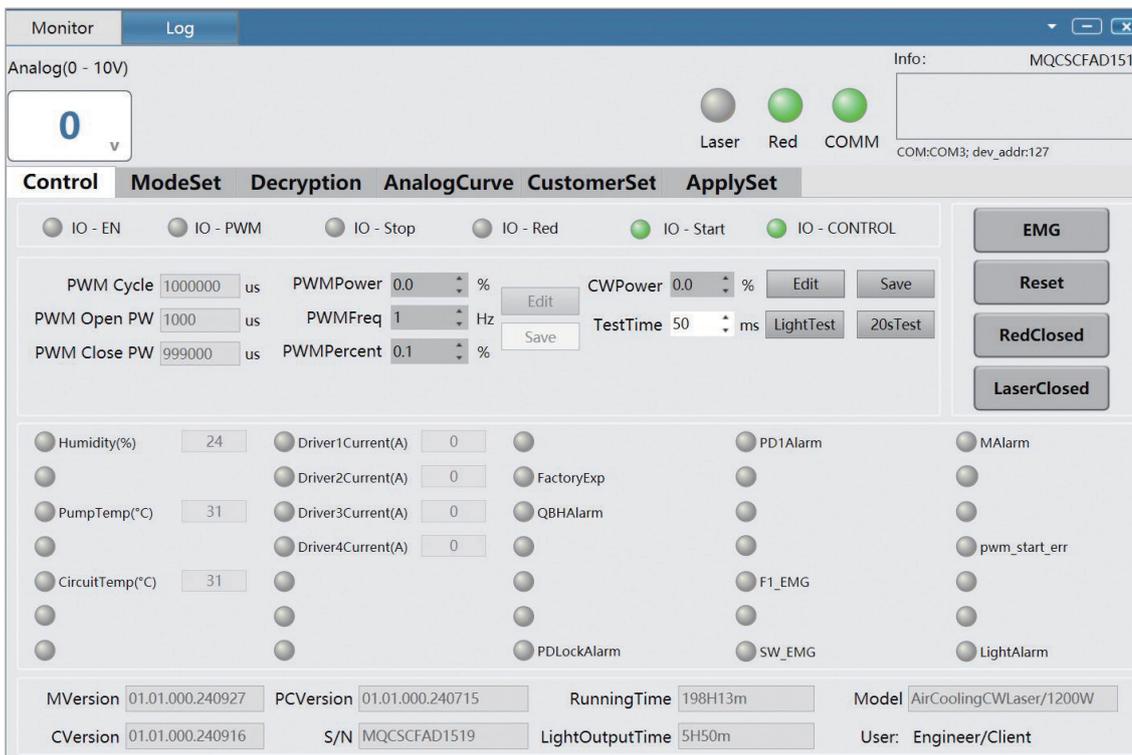
4. Log in as an engineer with the password 123456. The computer will automatically read the COM port, so no manual selection is required. If it fails to read, please try replacing the USB port or the computer for testing.



5. If you need to change the language, click the inverted triangle symbol on the login interface and follow the instructions shown.



6. After logging in to the main interface, you can view the real-time status of the laser.



7. To find previous alarms, you need to click "LOG" and locate the offline records.

The screenshot shows the 'Monitor' application window with the 'Log' tab selected. At the top left, there is an 'Analog(0 - 10V)' display showing '0 v'. To the right are three indicator lights labeled 'Laser', 'Red', and 'COMM', all of which are green. Below the indicator lights is the text 'COM:COM3; dev_addr:127'. The main area is a table titled 'Logs' with a sub-tab 'ReadOfflineInfo'. The table has columns for 'NO.', 'Group', 'Number', 'Name', 'State', and 'Value', but it is currently empty. At the bottom of the window, there is a status bar with 'S/N: MQCSCFAD1519', 'Date: 2025/06/12 10:54:37', and a red message 'The first info is the latest alarm info'. There are three buttons: 'ReadData' (highlighted with a red box), 'ImportHistory', and 'ClearAlarmInfo'.

8. Read the records to view the details.

This screenshot is similar to the previous one, but the 'Logs' table is now populated with 20 rows of alarm records. The 'ReadOfflineInfo' sub-tab is still selected. The status bar at the bottom shows the date as '2025/06/12 10:55:07' and the 'ReadData' button is highlighted with a red box.

NO.	Group	Number	Name	State	Value
96	The 10 Group	8	QCW power alarm	Normal	
97	The 10 Group	9	MCU Alarm	Normal	
98	The 10 Group	10	External buncher PD alarm	Normal	
99	The 10 Group	11	Interlock2 Alarm	Normal	
00	The 10 Group	12	Abnormal Light Alarm	Normal	
01	The 10 Group	13	Software EMG Alarm	Normal	
02	The 10 Group	14	Power Alarm	Normal	
03	The 10 Group	15	F2 EMG Alarm	Normal	
04	The 10 Group	16	pwm_start_err	Normal	
05	The 10 Group	17	PD_PWR Alarm	Normal	
06	The 10 Group	18	PD Lock Alarm	Normal	
07	The 10 Group	19	Pump source temperature alarm	Normal	29
08	The 10 Group	20	Optical Path Temperature Alarm	Normal	0
09	The 10 Group	21	Circuit Temperature Alarm	Normal	29
10	The 10 Group	22	Manufacturer Encryption Expired	Normal	
11	The 10 Group	23	Client Encryption Expired	Normal	
12	The 10 Group	24	Drive board 1 current alarm	Normal	0
13	The 10 Group	25	Drive board 2 current alarm	Normal	0
14	The 10 Group	26	Drive board 3 current alarm	Normal	0
15	The 10 Group	27	Drive board 4 current alarm	Normal	0
16	The 10 Group	28	QBH temperature alarm	Normal	0
17	The 10 Group	29	External buncher alarm	Normal	0
18	The 10 Group	30	Water flowmeter alarm	Normal	0
19	The 10 Group	31	Humidity alarm	Normal	19

9. To check the usage time or decrypt, please click here.

