# **Explosion-proof DALI LED Driver Software User Manual**

Software Version: 2.19.8.65 Release Date: 2023-09-01



During programming, the driver should be electrified. Recommend to remove LED lamps during programming driver.

#### **Software Package List**



### Main Steps:

- 1. Install Software and Programmer's USB driver
- 2. Complete hardware wiring
- 3. Modify driver's parameters

#### 1. Install Software and Programmer's USB driver

Double-click SamartkeyNetworksetup.exe to install Software.



#### Select "USB Driver- CDM v2.12.00 WHQL"

Setup - Smartkey Network 2.19.8.65	- 🗆 X
Select Components Which components should be installed?	
Select the components you want to install; clear the components you do not want to install. Clic when you are ready to continue.	k Next
Full installation	~
USB Driver-CDM v2.12.00 WHQL	2.2 MB
Current selection requires at least 6.5 MB of disk space.	Cancel



② Setup - Smartkey Network 2.19.8.65 -		×
Ready to Install Setup is now ready to begin installing Smartkey Network on your computer.	L(10)	Ĩ
Click Install to continue with the installation, or click Back if you want to review or change any settings.		
Setup type: Full installation	^	
Selected components: USB Driver-CDM v2.12.00 WHQL		
Additional tasks: Additional shortcuts: Create a desktop shortcut		
<	>	
<u>B</u> ack Install	Cancel	



When programmer connect to PC's USB port, PC will cost few seconds to recognize programmer's port number. Please follow below steps to complete the essential setting.







Next please enter computer manage device





🚔 D <mark>evice Ma</mark> nager		0.1		
File Action View Help				
(= →   〒   🗐   🚺   1	USB Serial Port (COM9) Properties	×		
BG003278	General Port Settings Driver Details			
<ul> <li>Image: Biometric Devices</li> <li>Image: Bluetooth Radios</li> <li>Image: Computer</li> </ul>	<u>B</u> its per second:	9600 👻		
<ul> <li>Disk drives</li> <li>Signal Display adapters</li> </ul>	<u>D</u> ata bits:	8 •		
Generation     Generation     Generation     Generation     Generation     Generation     Generation	Parity:	None		
Seyboards     Memory technology of the seyboards	Stop bits: Row control:	None		
<ul> <li>Mice and other pointi</li> <li>Monitors</li> </ul>				
<ul> <li>Network adapters</li> <li>Ports (COM &amp; LPT)</li> </ul>	Adv	anced		
USB Serial Port (CO Processors Security Devices				
<ul> <li>Sound, video and gan</li> <li>Image: System devices</li> </ul>	8			
🍐 - 🏺 Universal Serial Bus co	1 L	OK Cancel		
🚔 Device Manager		0.4		
File Action View Help	USB Serial Port (COM9) Properties	X		
BG003278	ings for COM9		8 ×	
⊳ 🕘 Biom ⊳ 🚯 Bluete COM Port I	Number:		OK	
> ₁∎ Com > ── Disk c USB Transt	fer Sizes		Cancel	
Select lower settings to correct performance problems at low baud rates.     Defaults     Defaults				
a Imagi → Keybe Receive (Bytes): 4096 ▼				
Mem     Transmit (E     Mice     Moni	3ytes):			
BM Options	Notions Miscellaneous Options			
Ports Select lowe	change to be 1	Serial Printer		
Sound     Timeoute	ner (msec):	Event On Surprise Removal		
⊳ - I Syster ⊳ - I Unive Minimum R	ead Timeout (msec):	Disable Modem Ctrl At Startup		
Minimum V	/rite Timeout (msec):	Selective Suspend Idle Timeout (secs)	: 5 •	

And then click OK to save.

## 2. Complete Hardware Wiring



#### 3. Modify driver's parameters

1) Run the software directly



2) Setting  $\rightarrow$  Choose COM  $\rightarrow$  Choose Dali  $\rightarrow$  OK

Setting Scan R Devices	ad Save Firmware Update About		
Broadcast	DeviceInformation Parameter Group So	ene CLO EnergyMeter ControlGear	UP
	Device Type	Firmware Version N/A	MEN OFF MAX
	Chi Current	Ch2 Current	TIOWN
	Ch3 Current	Ch4 Current	
	Dali Bus Power 🖳 Setting	×	Delete Address Reset
	Get All Version COMUI 2 Protocol 3 • Dali One Wire	O IMX512	1.492%



Scan→Search→Unaddressed Device Search

Read Save Firmware Update	
DeviceInformation Parameter Group Scene	
Device Type 6	Firmware Version 2.14
Ch1 Current 700	Ch2 Current
Ch3 Current Modify Current Va	Ch4 Current
Dali Bus Power	
Get All Version Bulk Upgrading	Read Save
(Devi ce In	formation Burnston Course Same
If click Save , it means that 4tabs	parameter Group Scene parameters will be
written.	
If click Save , it means that only cu	urrent tab

Because driver was scanned, it has DALI address, if you want to delete DALI address, please do below action, except driver's current, all DALI parameters will be reset, including DALI address.

Smart Key Network V2.19.8.65				_		Х
 Setting Scan Read	Save Firmware Upo	ate About				
Devices						
Broadcast	DeviceInformation Param	ter Group Scene		UP		
Led Device WD	Actual Level: 255	Random H: CD	MIN	OFF	MAX	
	MIN Level: 170	- Random M: 8B		DOWN		
	MAX Level: 254	Random L: B5	Reset			
	Power On: 254	2	① ☐ Delet	e Address	Reset	2