

Familiar with DALI master control

1.1 DALI-200

Input : USB cable
connected to computer



Output: DALI 1, DALI 2, regardless
of positive and negative poles

Power indicator light

USB indicator light

DALI Command Send Indicator

Input: supplied 5V USB

Output: DALI signal

Power dissipation $\leq 2.5\text{W}$

2. Software installation

2.1 Installation of Software

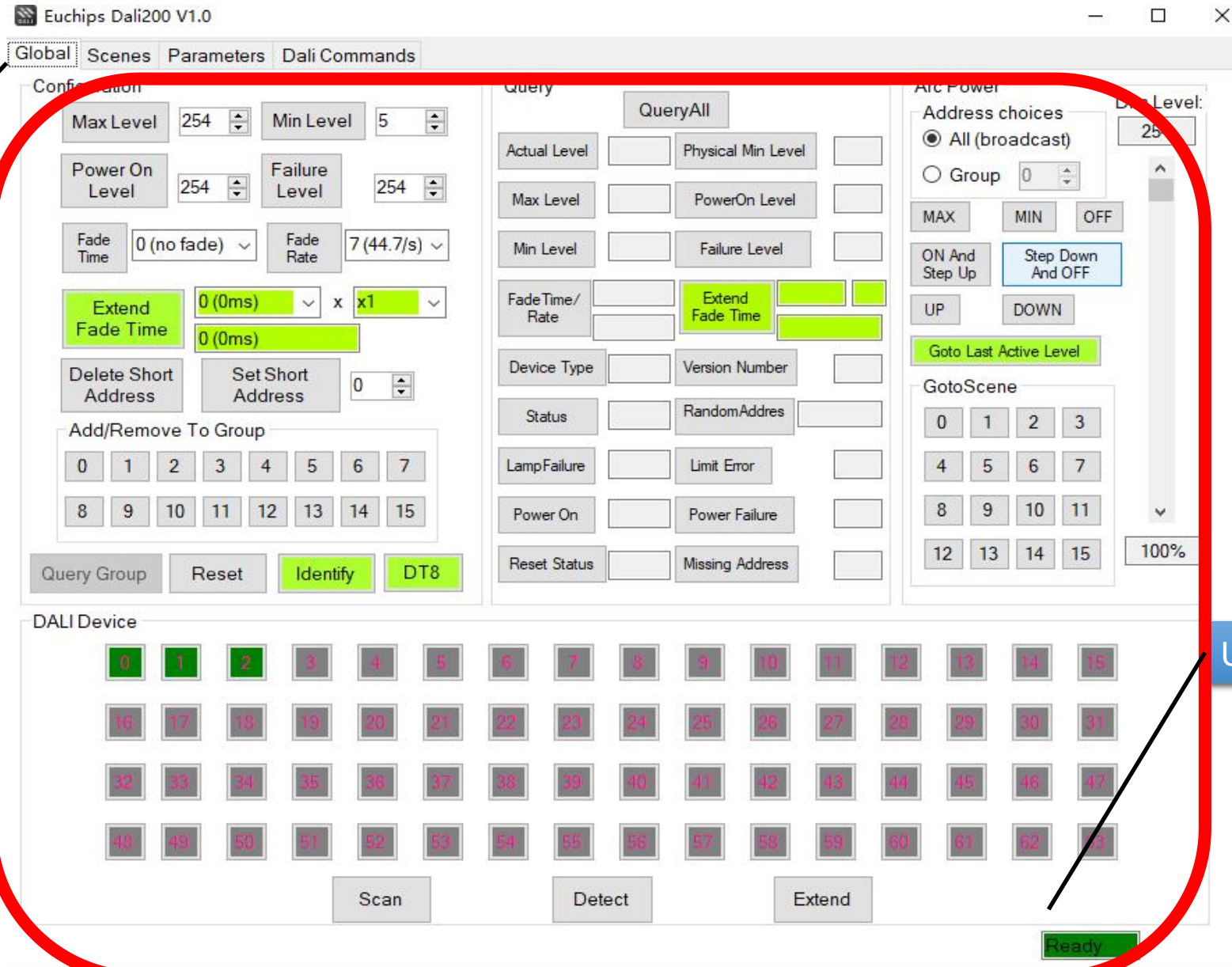
1. Double – click `DALI200.exe` to install, you can install to the specified local disk, and the software is installed to disk C by default.
2. The installation process may prompt you to install , and may take about 1 minute after you click " Agree ".

3.



Icons can be seen on the desktop after installation .

3. Introduction of software interface



Title bar

USB status

Page operation
and display

3.1 Interface introduction

3.1.1 Title bar

 Euchips Dali200 V1.0 Indicates that the software is DALI master control software with version number of 1.0 .

3.1.2 Function switching page



Global: DALI Dimming Control Page

Scenes: Dali Scene Settings Page

Parameters: DALI Main Parameter Setting Page

DALI Commands: DALI Command Debugging Page

3.1 Interface introduction

3.1.3 USB connection flag

When "Link status:  " appears, USB is not connected ;
When "Link status:  " appears, USB is connected .

3.2 Function switching page

3.2.1 The global interface

(1) .Address Choice combo box, used to select DALI address.

DALI has three kinds of addresses to choose from: broadcast address, group address and short URL (short address).

The broadcast address and group address are provided in " Address choice" for the user to choose from, while short URL is selected by the scanned device in " DALI Device".

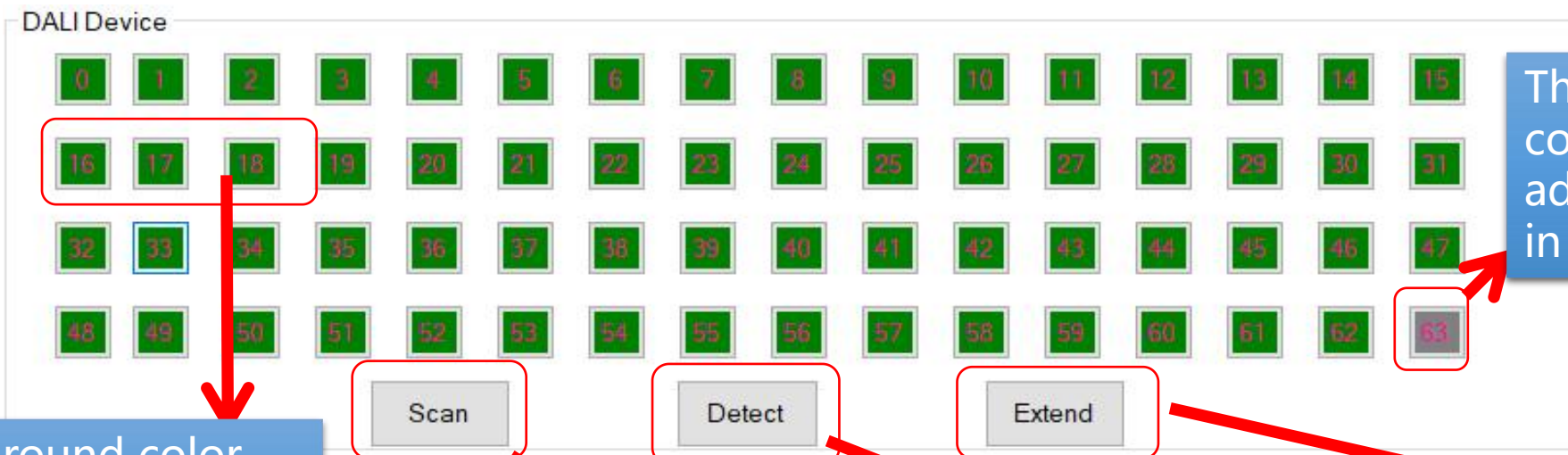


3. Introduction of software interface

3.2 Function switching page

3.2.1 The global interface

(2) DALI Device combo box, used to indicate DALI devices DALI Master can hold up to 64 devices with different addresses.



The background color green represents the device address Scanned by "scan"

"Scan" means it can scan all DALI devices on the bus & assigns a unique address to each channel of each device

"Address detect" is used to scan out the addresses of all DALI devices on the bus

"Extend" :scanning for new devices

The gray background color indicates that the address does not exist in the scanned device

3.2 Function switching page

3.2.1 The global interface

(3) The difference between "Scan" (Address assign) & "Address detect" .

After the "Scan" scan, the address originally stored in the DALI device will be erased and replaced by a random address assigned to the device by the DALI master, which ranges from 0 to 63 and may be the same as the original address, but will change in most cases.

After the "Addr detect" scan, the original address will not change. the result of the operation is only to verify whether the device exists or not. if so, the yellow background will be displayed.

3.2 Function switching page

3.2.1 The global interface

(4) "Scan" & "Address detect different interface display" .

Pink background and blue background indicate that an online device is selected .



"Scan"



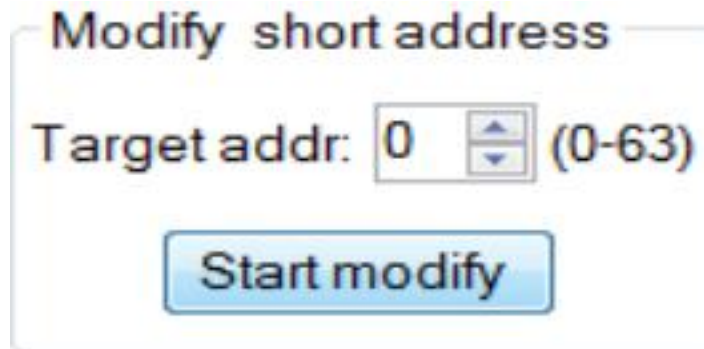
"Address detect"

3.2 Function switching page

3.2.1. The global interface

(5) . “Modify short address” box

Can be used to reassign an address to it. To verify whether our address was modified successfully, we can use " [Addr detect](#)" to verify it.



The image shows a software interface window titled "Modify short address". Inside the window, there is a label "Target addr:" followed by a numeric input field containing the value "0". To the right of the input field is a small square button with up and down arrows, indicating a spinner control. Further to the right is the text "(0-63)" in parentheses. Below these elements is a blue rectangular button with the text "Start modify".

3. Introduction of software interface

3.2 Function switching page

3.2.1. DT 8 mode .

DT8

Mini CT: 3000 < > Physical Mini CT: 3000

MAX CT: 6000 < > Physical Max CT: 6000

PowerON: ☒ 100 < > %
☒ 3000 < > K

System Failure: ☒ 100 < > %
☒ 6000 < > K

Scene

0:	☐ MASK < > %	8:	☐ MASK < > %
	☒ MASK < > K		☒ MASK < > K
1:	☐ MASK < > %	9:	☐ MASK < > %
	☒ MASK < > K		☒ MASK < > K
2:	☐ MASK < > %	10:	☐ MASK < > %
	☒ MASK < > K		☒ MASK < > K
3:	☐ MASK < > %	11:	☐ MASK < > %
	☒ MASK < > K		☒ MASK < > K
4:	☐ MASK < > %	12:	☐ MASK < > %
	☒ MASK < > K		☒ MASK < > K
5:	☐ MASK < > %	13:	☐ MASK < > %
	☒ MASK < > K		☒ MASK < > K
6:	☐ MASK < > %	14:	☐ MASK < > %
	☒ MASK < > K		☒ MASK < > K
7:	☐ MASK < > %	15:	☐ MASK < > %
	☒ MASK < > K		☒ MASK < > K

Read Save

3.58 < > %
5400 < > K

Send

Brightness
Value

Color
temperature
Value

Query

QueryAll

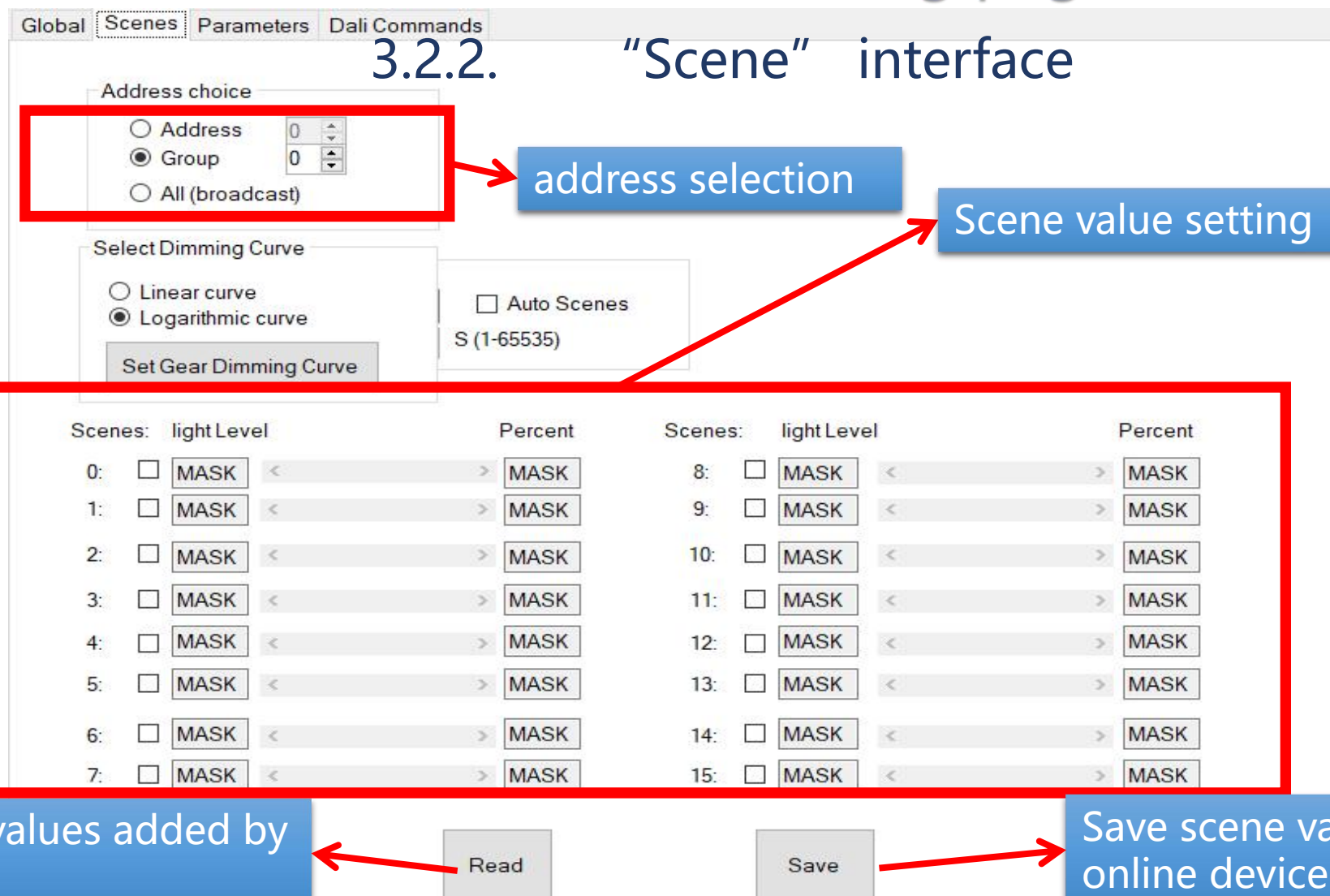
Read the parameters of the online lamp

Actual Level	254	Physical Min Level	5
Max Level	254	PowerOn Level	254
Min Level	5	Failure Level	254
FadeTime/ Rate	0 (no fade) 7 (44.7/s)	Extend Fade Time	nc nc
Device Type	255	Version Number	1
Status	4	RandomAddress	0xF3B897
LampFailure	NO	Limit Error	NO
Power On	YES	Power Failure	NO
Reset Status	NO	Missing Address	NO

3. Introduction of software interface

3.2 Function switching page

3.2.2. "Scene" interface



Global Scenes Parameters Dali Commands

Address choice

☐ Address 0

☒ Group 0

☐ All (broadcast)

Select Dimming Curve

☐ Linear curve

☒ Logarithmic curve

Set Gear Dimming Curve

☐ Auto Scenes

S (1-65535)

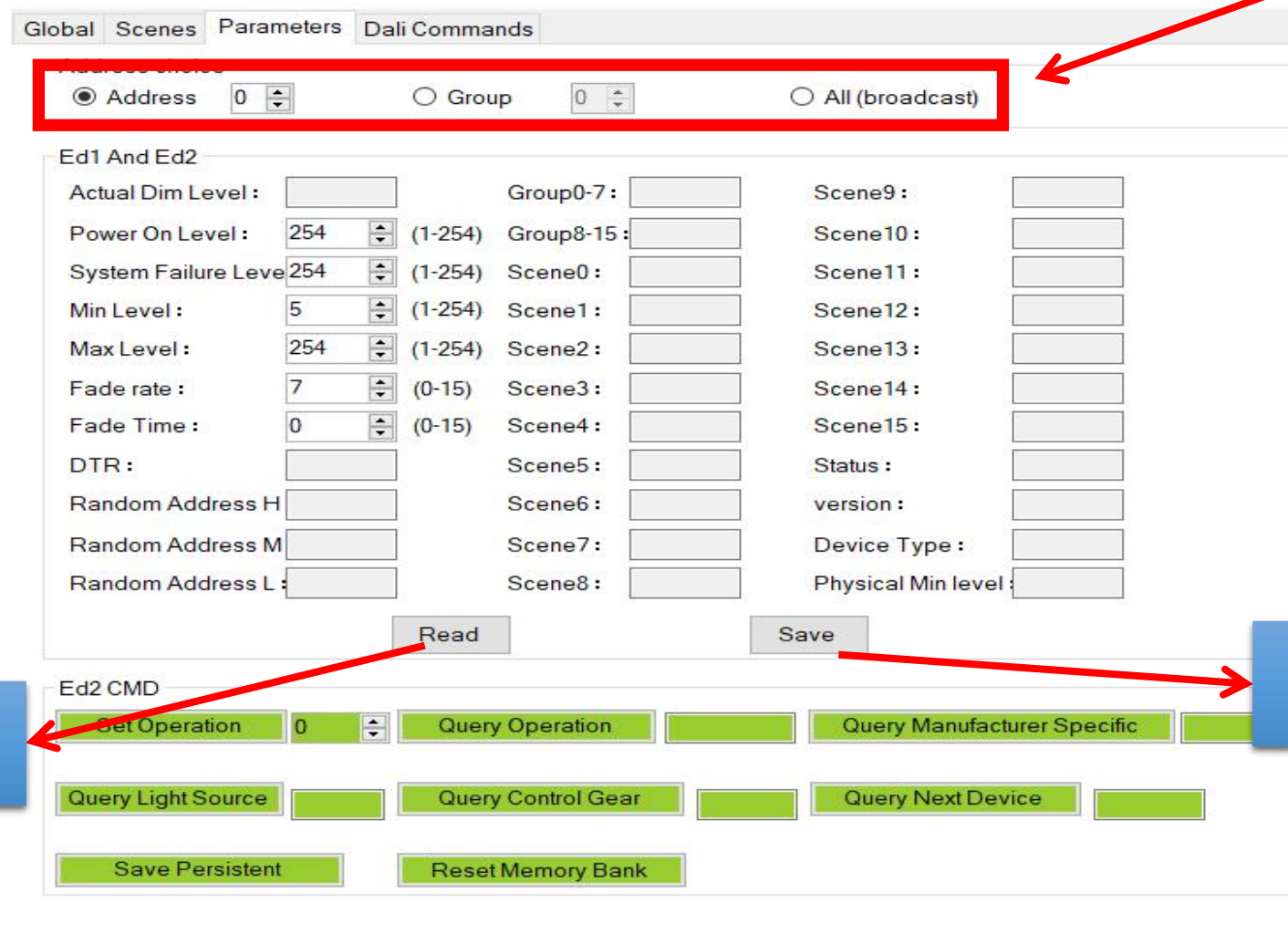
Scenes:	light Level	Percent	Scenes:	light Level	Percent
0:	☐ MASK < >	MASK	8:	☐ MASK < >	MASK
1:	☐ MASK < >	MASK	9:	☐ MASK < >	MASK
2:	☐ MASK < >	MASK	10:	☐ MASK < >	MASK
3:	☐ MASK < >	MASK	11:	☐ MASK < >	MASK
4:	☐ MASK < >	MASK	12:	☐ MASK < >	MASK
5:	☐ MASK < >	MASK	13:	☐ MASK < >	MASK
6:	☐ MASK < >	MASK	14:	☐ MASK < >	MASK
7:	☐ MASK < >	MASK	15:	☐ MASK < >	MASK

Read Save

3. Introduction of software interface

3.2 Function switching page

3.2.3. "Parameters" interface



Global Scenes Parameters Dali Commands

☒ Address ☐ Group ☐ All (broadcast)

Ed1 And Ed2

Actual Dim Level : Group0-7 : Scene9 :

Power On Level : (1-254) Group8-15 : Scene10 :

System Failure Level : (1-254) Scene0 : Scene11 :

Min Level : (1-254) Scene1 : Scene12 :

Max Level : (1-254) Scene2 : Scene13 :

Fade rate : (0-15) Scene3 : Scene14 :

Fade Time : (0-15) Scene4 : Scene15 :

DTR : Scene5 : Status :

Random Address H : Scene6 : version :

Random Address M : Scene7 : Device Type :

Random Address L : Scene8 : Physical Min level :

Read Save

Ed2 CMD

Set Operation Query Operation Query Manufacturer Specific

Query Light Source Query Control Gear Query Next Device

Save Persistent Reset Memory Bank

DALI address
choice

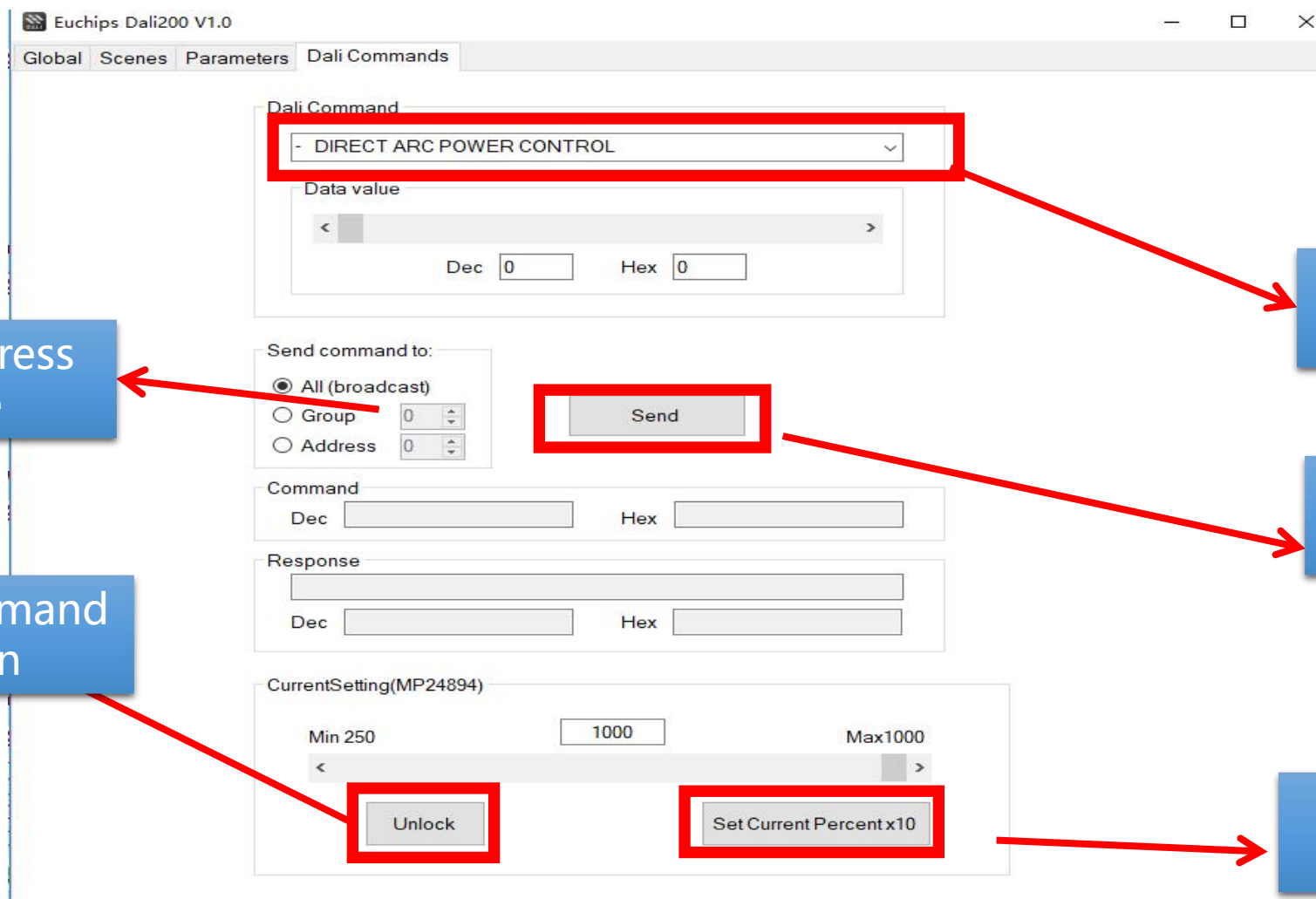
Read online device
parameters

Set online device
parameters

3. Introduction of software interface

3.2 Function switching page

3.2.4. "DALI command" interface



Euchips Dali200 V1.0

Global Scenes Parameters **Dali Commands**

Dali Command
 - DIRECT ARC POWER CONTROL

Data value
 < [Slider] >
 Dec 0 Hex 0

Send command to:
☒ All (broadcast)
☐ Group 0
☐ Address 0

Send

Command
 Dec Hex

Response
 Dec Hex

CurrentSetting(MP24894)
 Min 250 1000 Max1000
 < [Slider] >
Unlock **Set Current Percent x10**

DALI address
choice

Unlock command
selection

DALI command
choice

Send
command

Set current
percentage

bal
Scenes
Parameters
Dali Commands

Dali Command

DIRECT ARC POWER CONTROL

Data value

<
>

Dec
0
Hex
0

Send command to:

☒ All (broadcast)
☐ Group
☐ Address

0
0

Send

Command

Dec
Hex

Dec
Hex

CurrentSetting(MP24894)

Min 250
600
Max1000

<
>

Unlock
Set Current Percentx10

Modify the value

Maximum