DLC-02 (DALI) Version Upgrade Record

A. Upgrade Procedures:

Upgrade method of DLC-02 older hardware version (R1.x, R2.x) to R3.0:

1. DLC-02 Press the "SET" button on the panel, unplug the USB cable, and restart the AC power supply; if you can see that the two LEDs of BUS A and BUS B flash alternately, it means that the upgrade mode is successfully entered; proceed to the next step.

2. DLC-02 connects with PC via USB, DLC-02 PC software can "Connect" DLC-02, "Connect" successfully proceed to the next step.

3. Go to the DLC-02 PC software main interface and select: System -> Firmware Upgrade; select the file upgrade.

4. Software Upgrade: Delete the old software, download and installation new software in PC.

Note: Version 2.x and Version 3.x cannot be used interoperable due to excessive updates, if the PC software cannot be connected with firmware(DLC-02), please make sure the version of software/firmware are latest version.

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B. Upgrade List

Latest Date: 2024/07/30

Firmware Version	Software Version	Functions
R3.3 Download	V3.1 Download	1. Offline Settings: Parameters and interactive functions of lamps and sensors can be preset by DLC-02 software beforehand, and be connected and paired with the physical equipment on site 2. TCP/IP Commissioning: The software setting can be connected to the router through the RJ-45 interface, and the function setting can be done through the local area network (LAN) connection 3. HCL (Human Centric Lighting): Create lighting that mimics the natural daylight. Color temperature can be changed smoothly and automatically according to 24H settings. 4. Sensor Function Optimization: The light sensor can be used with multiple brightness intervals or constant brightness. The unit of illuminance can be set as % or LUX. Sensor interaction can also set the combination mode of PIR sensor and light sensor to increase the application range of the sensor. 5. Lighting Combination Function: Similar to but different from the DALI scene function, multiple lamps and relays of DLC can be triggered together via this combination. 6. Password Settings: Can set the project and DLC-02 password to ensure the secure system won't be tampered easily. 7. Add Timer batch delete function 8. Group supports modifying the name 9. The effect interface (Effect) button switch device adds the blocking (Block) function

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R2.4 Download	V2.3 Download	1. Support modifying the gateway and subnet mask of DLC-02. 2. Daylight Saving: After setting the offset time of daylight saving, the DLC will switch to summer/winter time automatically. 3. Sequence: Allows user to customize a series of brightness values and color gradients with limited cycles (1-255) or unlimited cycles. Max. with 16 steps per sequence. 4. Diagnosis: Users can use this diagnostic function to read and analyze the DALI information of DLC-02 on the 2 DALI Buses.

C. FAQ:

1. **After the old DLC-02 is upgraded to the new firmware, will it affect the original internal parameters?**
   Ans: Major version modification (Upgraded from R2.x to R3.x) involves the modification of the communication protocol, and the original stored parameters cannot guarantee the correctness of its actions.
2. **How to downgrade to DLC-02 older version?**
   Ans: Step 1- Download the old version upgrade file from MW official website.
   Step 2- Connect DLC-02 to DLC-02 software via USB, go to the main interface System
   -> Firmware Upgrade interface to upgrade.
3. **How to check the firmware version of DLC-02?**
   Ans: Method 1- View through the DLC-02 LCD panel, press "ESC" -> "System" -> "Other" -> "Firm. VER: xx"Method 2-Read through DLC-02 PC software, main interface -> "System" -> "System Information"
4. **Forgot the connection password? How to reset password?**
   Ans: Reset to factory password can be realized by physical button of DLC-02:
   Press "ESC" -> "System" -> "Other" -> "Reset to Default"; Reset to factory password;
   However, the internally stored parameters will be erased after resetting the password, so please keep the set password safe.

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