



## CQ-CE31 Ethernet DMX Controller

### UDP Protocol

#### 1. UDP Parameter

- **Network:** Static IP Address (Modify with [Hardware Manager](#) )
- **Format:** Hexadecimal (HEX)
- **Port:** 2430
- **Protocol:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 00 00 64

#### 2. Protocol Description

1. **Fixed Content:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00
2. **Total Length:** 1B 00 (Total protocol length, including the parameter section)
3. **Trigger Command:** 01, 01: Scene Start, 05: Scene Dimmer, 06: Scene Speed
4. **Length of Parameter:** 03 The length of the parameter
5. **Parameter:** 00 00 64, First 00 is serial number of the scene, 00: Scene 1, 01: Scene 2, 02: Scene 3

#### 3. Example

- **Play Scene 1:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 00 00 64
- **Play Scene 2:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 01 00 64
- **Play Scene 3:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 02 00 64
- **Play Scene 4:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 03 00 64
- **Play Scene 5:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 04 00 64
- **Play Scene 6:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 05 00 64
- **Play Scene 7:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 06 00 64
- **Play Scene 8:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 07 00 64
- **Play Scene 9:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 08 00 64
- **Play Scene 10:** 44 69 6E 61 5F 5F 32 41 0A 01 FF FF FF FF FF FF FF FF 01 00 1B 00 01 03 09 00 64