

# MODBUSConfigurator

RESI: MODBUS Configurator V1.0.7.2 - [Unnamed]

**Local COM port settings**  
 Modbus unit: 255 Device: COM4 Stopbits: 1 stopbit IP-Address:   
 Baudrate: 57600 Parity: NONE Port:   
 Download config Test connection Test

**Device specific**  
 R5H-DALI-SIO DALI to MODBUS/RTU+ASCII converter for 64 DALI lamps  
 Software version: 4.0.0 State: no error  
 Initialize lamps Search lamps Query lamp states Reorder Lamps Edit Groups Initialize devices Query device states  
 MODBUS Address: 255 Baudrate: 57600 Parity: NONE Stopbits: 1 stopbit

**Test bench**  
 Test Bench DALI 1.0+2.0 Lamp status DALI Monitor Device status  
 DALI single lamp Single lamp: 1 Pulse lamp:   
 Select DALI short address of lamp in the range of 1 to 64 Function:   
 Set brightness to 0 (0.0%)   
 Set brightness to 128 (50.0%)   
 Set brightness to 254 (100.0%)   
 Set brightness to xx (yy/z%) 254   
 DALI lamp group Lamp group: 1 Pulse lamp group:   
 Select DALI lamp group in the range of 1 to 16 Execute command: 00.OFF   
 DTR+: 254 Short address: 1 8 bit Value:   
 DTR-: 254 8 bit answer:

**Dali lamp settings**  
 Read lamp settings Write lamp settings Switch MAX Switch MIN Switch OFF

Lamp name: Lamp 1 Groups:   
 1  2  3  4  5  6  7  8   
 9  10  11  12  13  14  15  16

Short address: 1 Device type: 8:Colour lampcontrol gear Set manual device type  
 Physical minimum: 1

Minimum: 1,0x01 -> 0.39% Maximum: 254,0xFE -> 100.00%  
 Power up: 254,0xFE -> 100.00% Bus fault: 127,0x7F -> 50.00%  
 Fade time: 10,0xA -> 16.0s Fade rate: 6,0x6 -> 63.3steps/s

Scene values:  
 1: 255->MASK 5: 255->MASK 9: 255->MASK 13: 255->MASK  
 2: 255->MASK 6: 255->MASK 10: 255->MASK 14: 255->MASK  
 3: 255->MASK 7: 255->MASK 11: 255->MASK 15: 255->MASK  
 4: 255->MASK 8: 255->MASK 12: 255->MASK 16: 255->MASK

Brightness: 127,0x007F Query brightness Set brightness  
 Read all scenes(8 bit) Write all scenes(8 bit)  
 Read all scenes(16 bit) Write all scenes(16 bit)

DT8 status Colour Scenes Init parameters

Read colours (8 bit mode)... Read colours (16 bit mode)...

x coordinate: ???? y coordinate: ???? Tc colour temperature: ????   
 Primary N dimlevel 0-5: ????   
 Channel 0 RED: 254,0xFE 185->72.8%   
 Channel 1 GREEN: 254,0xFE 0->0.0%   
 Channel 2 BLUE: 0,0x00 254->100.0%   
 Channel 3 WHITE: 149,0x95 223->87.8%   
 Channel 4 AMBER: ????   
 Channel 5 FREECOLOUR: ????   
 RGBWAF control: ????   
 Colour type: 128,0x0080

Short addressing: Initialize & test DALI 1.0 ballasts  
 Simple test: Test all DALI 1.0/2.0 devices  
 Easy setup: auto search for DALI devices/lamps  
 DALI monitor: Integrated monitor for tracing all commands  
 FREE: Download for free from www.RESI.cc  
 Windows based