

# MODBUSConfigurator

The screenshot displays the RESI MODBUSConfigurator software interface, which is used for configuring and controlling DALI lamps. The interface is divided into several main sections:

- Local COM port settings:** Configures the communication port (Modbus unit: 255, Device: COM4, Baudrate: 57600, Parity: NONE, Stopbits: 1 stopbit, IP-Address, Port).
- Device specific:** Shows the device name (RESH-DALI-SIO), software version (4.0.0), and state (no error). It includes buttons for 'Download config', 'Test connection', and 'Test'.
- Test bench:** Provides a testing environment for DALI 1.0/2.0 lamps, including options for single lamp or pulse lamp, and various function settings like brightness and DTR.
- Dali lamp settings:** The central control panel for a specific lamp (Lamp 1). It includes:
  - Read lamp settings / Write lamp settings / Switch MAX / Switch MIN / Switch OFF:** Action buttons for the lamp.
  - Lamp name:** Set to 'Lamp 1'.
  - Short address:** Set to 1.
  - Device type:** Set to '8: Colour lampcontrol gear'.
  - Physical minimum:** Set to 1.
  - Scene values:** A grid of 16 scenes, each currently set to '255->MASK'.
  - Brightness:** Set to 127.0x007F (50.0%).
  - DT8 status:** Includes tabs for 'Colour', 'Scenes', and 'Init parameters'.
  - Read colours (8 bit mode) / Read colours (16 bit mode):** Controls for x and y coordinates, Tc colour temperature, and Primary N dimlevels (0-5).
  - Channel 0 RED to Channel 5 FREECOLOUR:** RGBWAF control with color swatches and percentage values (e.g., 185->72.8%, 0->0.0%, 254->100.0%, 223->87.8%).
  - RGBWAF control:** Set to '128,0x0080'.
- Bottom right promotional area:** Contains several buttons and text boxes:
  - Kurzadressen:** Initialisierung & Test von DALI 1.0 Leuchten.
  - Einfacher Test:** Test aller DALI 1.0/2.0 Geräte.
  - Einfaches Setup:** automatische Suche aller DALI Geräte.
  - DALI Monitor:** Integrierter Monitor aller DALI Kommandos.
  - GRATIS:** Kostenloser Download von [www.RESI.cc](http://www.RESI.cc).
  - Windows basiert:** Windows based.