



MODBUSMASTER

MODBUS PROTOCOL ANALYSER



Provides Master Station simulation to one or more MODBUS slave units
Integrated Text Highlighting MODBUS Protocol Analyser
Advanced Command Builder and Data Browser

The MODBUSMASTER PRO is a diagnostic tool designed to act as a simple MODBUS master station to one or more MODBUS slave devices. Using a system of profiles, MODBUSMASTER PRO understands the capabilities of each slave device in terms of its supported MODBUS commands and data points. These profiles also store data point descriptions, scaling constants and units for a more user friendly display. An advanced command builder helps the operator construct legal MODBUS requests for a particular device based on its profile. A data browser lets the operator view data for each device in a range of different formats. Individual data points from multiple devices can be arranged into a common list for a simple overview of selected points. MODBUSMASTER PRO also supports events and MODBUS file operations. It also includes an integrated context highlighting MODBUS protocol analyser as well as a Modbus Device Configuration facility. A Static Data screen displays each item of data with an icon that represents the state of that point. These icons can be changed if necessary and may vary between data types. Next is the index of the point followed by a description. The description is that defined in the device profile.

The screenshot displays the following windows and features:

- Remote Modbus Device Configuration:** A table with columns 'Name', 'Address', and 'Type'. It shows 'My Device' at address 1, type 'Generic'. A 'Device Type' dropdown is set to 'Generic'. Fields for 'Name' (My Device) and 'Address' (1) are visible. Buttons for 'Add', 'Remove', 'Replace', and 'Done' are at the bottom.
- Modbus Master Pro:** The main application window with a menu bar (File, View, Configure, Help) and status indicators for 'On Line', 'Coms Enabled', 'TX', 'RTS', 'RX', and 'CTS'.
- Modbus Protocol Analyser:** Shows a list of packets with timestamps and hex data. A 'Packets Processed' counter is at the bottom.
- Advanced Command Builder:** Includes a 'Slave Device' dropdown, 'Function' dropdown, 'First Data Point' and 'Point Count' fields, and a 'Command's Name' field. Buttons for 'Add Command To List', 'Replace Selected Command', and 'Send Command Now' are present.
- Configure icon:** A list of 'Icon Type' options with corresponding icons: Coil, State Unknown; Coil, On; Coil, Off; Input Status, State; Input Status, On; Input Status, Off; Holding Register, State Unknown; Holding Register, State Known.

For further product information on systems described within this brochure or any other ROMTECK products please contact the nearest ROMTECK office shown below.

ROMTECK PTY LTD
37 COLLINGWOOD ST
OSBORNE PARK 6017
WESTERN AUSTRALIA

PHONE (61) 8 9244 3011
FAX (61) 8 9244 2649
email sales@romteck.com



ROMTECK PTY LTD
UNIT 6, 193 SOUTH PINE RD.
BRENDALE, QLD 4500

PHONE (61) (0) 7 738898244
Email: Trevor@romteck.com