

PortBloque S

Modbus Serial Firewall

PortBloque™ ("port block") S provides perimeter security to protect serial Modbus devices from attacks.

Inspects Modbus query contents

Deep packet inspection (DPI) filters queries. Modbus function codes, registers, and values that you have not explicitly permitted are blocked.

Creates real-time logs

Traffic and system activity can be sent to a syslog server for analysis at a later time. Key metrics are reported on the dashboard.

Sets up in minutes

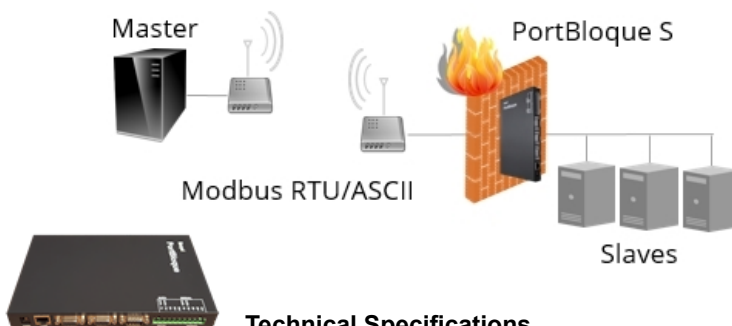
The simple, intuitive web interface lets you create Modbus rules quickly.

Provides secure web interface

The web interface is login-secured and firewall-protected so only computers that you specify are permitted access.

Filters anything and everything

Modbus rules protect slaves by blocking commands that could lead to harmful consequences. Creating rules is easy! With a few clicks and fill-ins, you can define Modbus function codes (including custom codes), registers, and values.



Technical Specifications

| | |
|-----------------------|--|
| Firewall Rules | Modbus deep packet inspection (DPI): - Device IDs: single or group; including broadcast ID - Function codes: 1-8, 11,12, 15-17, 20-24, 43; and four user-defined codes - Registers - Values Bidirectional filtering |
| Serial Protocols | Modbus RTU Modbus ASCII |
| Interfaces | RS-485 2-wire, RS-422 4-wire, RS-232 (software selectable) Host/Slave: 10-pin terminal block Host: DB9 female Slave: DB9 male Management: DB9 female (RS-232) Web: RJ45 Ethernet (10/100BaseT) |
| Serial Signals | RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD RS-485 2-wire: Data+, Data- RS-422 4-wire: Tx+, Tx-, Rx+, Rx- |
| Serial Topologies | Multi-drop (up to 31 slaves) Point-to-point |
| Data Rate | 300 to 115.2K bps (async) |
| Web Management | Login-secure levels: Superuser, User Dashboard firewall metrics |
| Logging | Traffic and system (Syslog) |
| LED Indicators | Power, Link, Secure |
| Power | External 3.3VDC power adapter |
| Physical | Enclosure: 18 gauge steel Weight: 2 lbs Size: 1 x 8 x 5 inches (2.54 x 20.32 x 12.7 cm) |
| Operating Environment | -40° C to 85° C (-40° F to 185° F) |
| Warranty | 2 Years |

September 2017
DOC No. 55021-02-A3

© 2017 Sequi, Inc. All rights reserved.
Sequi and PortBloque are trademarks of Sequi.
All other trademarks are property of their respective owners.

Sequi

Sequi, Inc.
949.668.0694
info@sequi.com
www.sequi.com