

pinebox

Application Manual

www.pinetek-networks.com



Table of Contents

pinebox 5

pinebox

- 1 Introduction
- 1.1 Principle of operation
- 1.2 Important User information
- 2 Getting started
- 2.1 Initial connection to the Pinebox
- 2.2 Web interface and Pinebox configuration
- 2.3. Connect and configure a device
- 2.4 Add device process data to Node-RED
- 2.5 Create your first Node-RED flow
- 2.6 Forward data to the SQLite database
- 3 Connections and web interface
- 3.1 Power and Network Connections, Reset Button
- 3.2 User interface and device ports
- 4 Pinebox configuration
- 4.1 Device configuration and update
- 4.2 Port configuration and control
- 5 Node-RED
- 5.1 Node-RED – Exchange Process Data
- 5.2 Node-RED – Reading Parameters
- 5.3 Node-RED – Writing Parameters
- 6 SQLite Database
- 6.1 SQLite Database – Create, delete and export tables
- 6.2 SQLite Database – Database Frontend
- 6.3 SQLite Database – Node-RED database node
- 7 Technical data and support
- 7.1 Technical Data
- 7.2 Support
- 7.3 Supplier and device Information, Compliance & Disposal
- 8 Appendix
- 8.1 Error Codes
- 8.2 Real-time-clock
- 8.3 JSON Support and Linux access