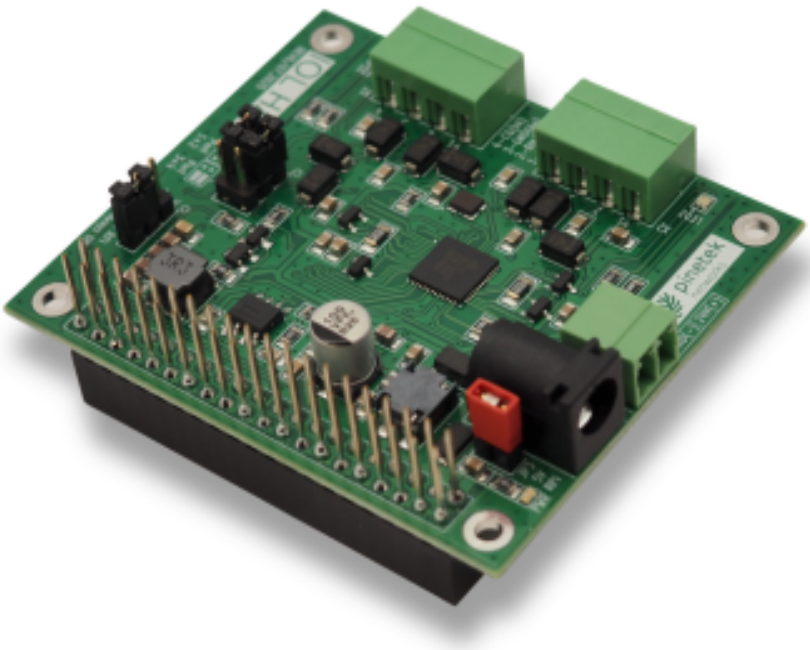
1.2 Principle of operation and functions

Application Manual

www.pinetek-networks.com



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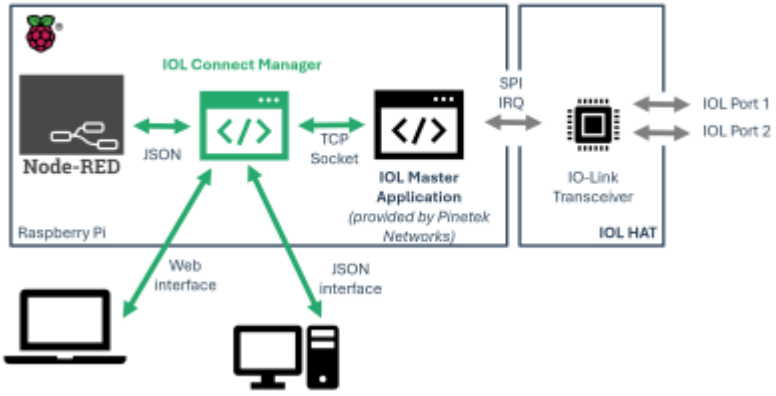
1.2 Principle of operation and functions

Principle of Operation

IOL Connect Manager software is a middle ware that connects IOL HAT to Node-RED and offers a web interface with to configure and test IO-Link devices. If also features an interface to a A SQLite database. Alternatively the **IOL Connect Manager** provides the IO-Link data via the Ethernet interface using JSON.



Functions

The core functions of the IOL Connect Manager are the same as for the interface of the Pinebox. Please refer to the Pinebox manual: Pinebox Manual

The following sections also cover the functions of the IOL Connect Manager:

- 4.1 Device configuration and update
- 4.2 Port configuration and control
- 5.1 Node-RED – Exchange Process Data
- 5.2 Node-RED – Reading Parameters
- 5.3 Node-RED – Writing Parameters
- 6.1 SQLite Database – Create, delete and export tables
- 6.3 SQLite Database – Node-RED database node

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SQLite®	Hipp, Wyrick & Company, Inc.	https://www.sqlite.org/
Node-RED®	OpenJS Foundation	https://nodered.org
IO-Link®	PROFIBUS Nutzerorganisation e.V.	https://www.io-link.com

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