RaspberryPI Communication Driver

This document has the specific information related to the driver configuration. For a generic explanation on Devices, Channels, Nodes and Points configuration, please refer to reference guide.

Contents

Section 1 – Summary Information

Communication Driver Name: RaspberryPI

Implementation DLL: T.ProtocolDriver. RaspberryPI.dll

Protocol: RaspberryPI GPIO

Interface: GPIO interface board

Description: RaspberryPI communication driver implements communication GPIO interface.

PLC types supported: RaspberryPI Revision 1 and 2

Max number of nodes: 1

PC Hardware requirements: RaspberryPI GPIO interface board

Section 2 – Channel Configuration

Protocol Options

Revision: 1 (RaspberryPI V1) or 2 (RaspberryPI 2, Default).

Settings

None

Section 3 – Node Configuration

None

Section 4 – Point Configuration – Address field

GPIO: GPIO number (see documentation of Raspberry PI)

Section 5 – Troubleshoot

The status of the driver execution can be observed through the diagnostic tools, which are:

- Trace window

- Property Watch

- Module Information

The above tools indicate if the operations have succeeded or have failed where the status 0 (zero) means success. Negative values are internal error codes and positive values are protocol error codes.

Revision History

Revision	Description	Date
A	Initial Revision	November, 2015