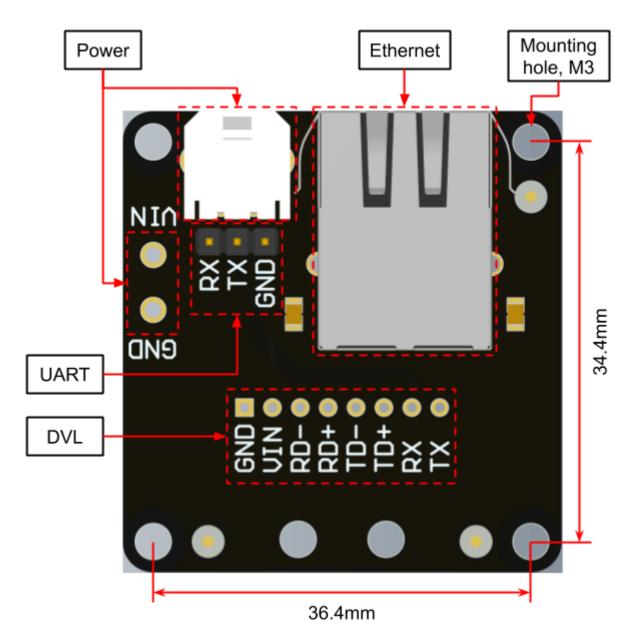
Overview

The IO Interface provides simple means of connection to the Water Linked DVLs. It provides magnetics for the ethernet connection and utilizes the Molex Micro-Fit 3.0 power connector which is standard for Water Linked products.

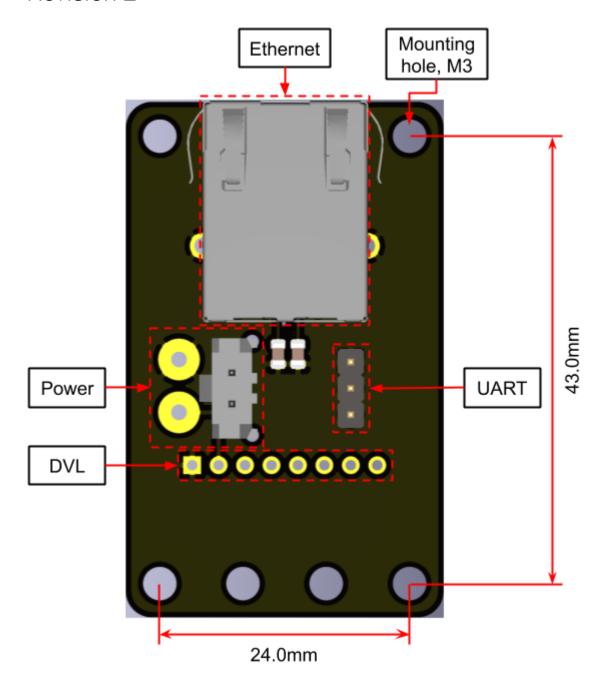
There currently exists two revisions of the IO Interface. They are electrically identical.

Revision 3



Connector	Function	Comment
RJ45 (8P8C)	Ethernet	10/100 BASE-T
3x1 header	Serial	TX, RX, GND
Molex Micro-Fit 3.0	Power	10 - 30 VDC
2x Ø1.5mm pads	Alt. power	Fits Würth 691137710002

Revision 2



Connector	Function	Comment
RJ45 (8P8C)	Ethernet	10/100 BASE-T
3x1 header	Serial	TX, RX, GND
Molex Micro-Fit 3.0	Power	10 - 30 VDC
2x Ø1.5mm pads	Alt. power	



The Molex Micro-Fit 3.0 on revision 2 is prone to damage by excessive sideways force. Take care not the yank the power cable when connected.