

# **WebControl32 Hardware Guide**

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# 1 Introduction

This document provides an overview of the available features of the WebControl hardware. It mainly describes the inputs and outputs offered by the current version of the hardware and firmware.

## 1.1 Scope

The reader is expected to be technically competent in all the technical areas within this document, and is strongly advised to use this document along side the other reference material listed in the reference section.

## 1.2 Table of Definitions

The following table is a list of definitions used though out the document.


## 2 WebControl32 I/O

The current hardware version of the WebControl32 hardware is equipped with a number of inputs and outputs; these are shown in below in figure 1.0.

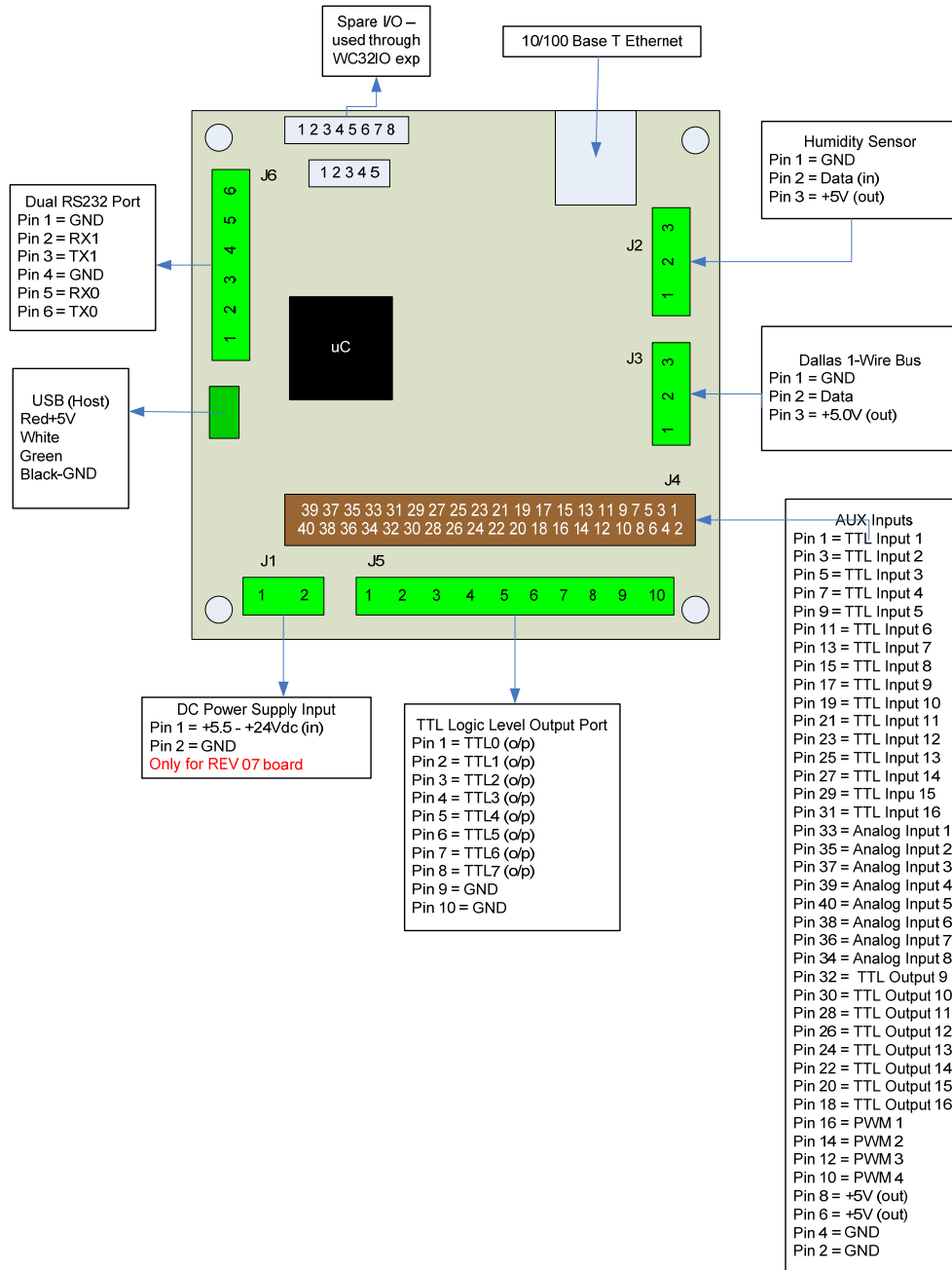


Figure 1.0 WebControl32 PCB inputs and outputs diagram

### 3 Optional UM216 Wiring



Figure 2.0 UM216 inputs and outputs diagram

Optional UM216 has a 10 pin connector, on that

- 1 2 <===red
- 3 4 <===white
- 5 6 <===green
- 7 8 <===black
- 9

The color code matches the WC32 USB host picture

## Revision History

Version	Whom	Date	Changes
1.0		15/01/2012	Initial first version
1.1		10/11/2013	Correct the pin number on the 40 pin
2.0		04/18/2014	updated USB connector and power range