

HI6850-DCWC Checkweigher Quick Reference V1.2

- **Default IP Address:**
 - 192.168.0.100
- **Operation:**
 - The DCWC Checkweigher application is designed to output a check weight value. The checkweigher requires a trigger weight, high and low values to begin the checkweighing sequence and change the color of the display. The checkweigher provides a digital enable and analog speed control signal for conveyor control and a digital signal for reject control.
- **Setup:**
 - The scale must be calibrated prior to operation and values must be entered for a trigger, high and low.
 - The conveyor must be running to accomplish the check delay and time tests.
 - The NET weight value is recommended for monitor and use for checkweighing.
 - Using the NET weight allows a tare value (subtracted from the net weight) to be entered to accommodate the weight of product containers.
 - Common checkweighing WaverSaver settings are 1.0hz and 10 averages.
- **Modes:**
 - **Auto** (Recommended) – A trigger weight value begins the sequence. The check delay and check time test values are not required. The unit outputs a check weight when the scale is no longer in motion and the weight value decreases.
 - **Weight** – A trigger weight begins the sequence. The Get Delay and Check Time Test is required to set the appropriate timing. The unit outputs a check weight when both delay timers are completed.
 - **Photoeye** – The photo eye input begins the sequence. The Get Delay and Check Time Test is required to set the appropriate timing. The unit outputs a check weight when both delay timers are completed.
- **DCWC Inputs and Outputs:**
 - **Main Board IO (I/O Adjacent to Weigh Scale Input):**
 - **Digital Input 1** – Stop Input (Open To Run - The Motors and Rejector Output Return To 0 When 24VDC Is Received.)
 - **Digital Output 1** – Pass Stack Light (Green)
 - **Digital Output 2** – Fail Stack Light (Red)
 - **GPIO Card (I/O In Option Slot Above the Weigh Scale Input):**
 - **Analog Output 1** – Motor Speed Output – 0-100% = 4-20ma
 - **Digital Output 1** – Reject (The Delay and Duration Are Adjustable)
 - **Digital Output 2** – Motor Start (The Digital Drive Enable Signal)
 - **Digital Input 1**- Photoeye Input (Used Only for Photoeye Mode)

