DC-100/400 Touch Screen Display and Controller

Overview

The DC-100 is a versatile and simple touch screen display and controller that can be used with any of our USB load cell solutions. Use it to control external devices based on sensor values via a USB Relay. In addition, the display has visual & audible alerts, and digital pin-outs. It is available in one channel and four channel versions.

DC-100

DC-400

Key Features

- Control external devices like alarms, valves, motors, switches, etc. using USB Relays
- Support for one (DC-100) or up to four digital load cells (DC-400)
- Change Units - lb, kg, N, g
- Change Resolution (x, x.x, x.xx, x.xxx)
- Set Alerts based on high and low limits (Visual, Audio, and/or Digital Pin-outs)
- Perform 2-Point Calibration or use mV/V values
- Select number of points to average
- Tare sensors, reset Peak and Low values

Note: The load cell and interface pair MUST be calibrated prior to use.

The device is powered by a 5V switchable power adapter that is provided as part of the purchase. Connect the sensor+interface devices into the USB port or power up the resistive load cell with the interface and then turn on the Display Controller to activate the display.

Specifications

One-Channel	Up to 4 USB load cell+interface pairs can be connected; only 1 can be displayed at a time
Four-Channel	Up to 4 USB load cell+interface pairs can be connected; all 4 can be displayed at a time
Compatible Load Cells	iLoad Digital, iLoad Pro Digital, iLoad TR & iLoad Mini paired with DQ-1000U or any resistive load cell calibrated with compatible USB Interface
Compatible Interfaces	DQ-1000U, DQ-1000UHS, DI-100U, DI-100UHS, DI-1000U, DI-1000UHS
Input Options	USB
Input Connector	USB Type A, Four Available Ports
Power Supply	5V, 2.5A
Display	7" Touch Screen LCD
Display Resolution Options	x, x.x, x.xx or x.xxx
Display Units	Lbs, Kgs, Newtons, Grams
Alerts	Visual, Audio, Digital Pin-outs (connect your own speaker using audio jack)
Control	via USBR 1 Channel & USBR 2 Channel USB Relays

Ordering Information

Available Configurations

Part No.	No. of Channels	Input	Features
DC-100	1	USB	Control Devices, Tare, Read, Change Units, Peak & Low Values, Points to Average
DC-400	4	USB	Control Devices, Tare, Read, Change Units, Peak and Low Values, Individual & Sum of all connected load cells, Points to Average

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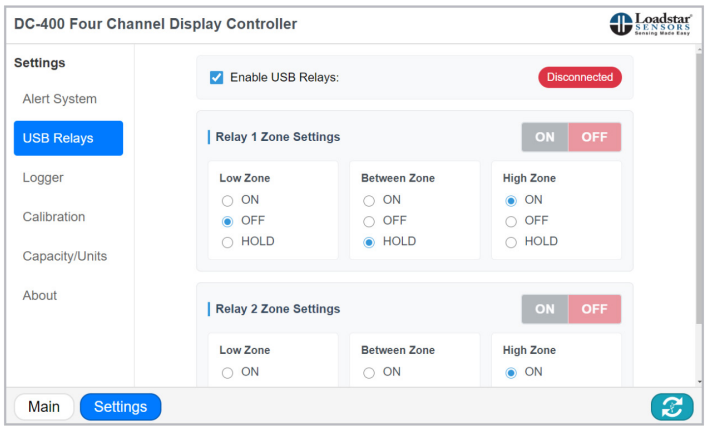
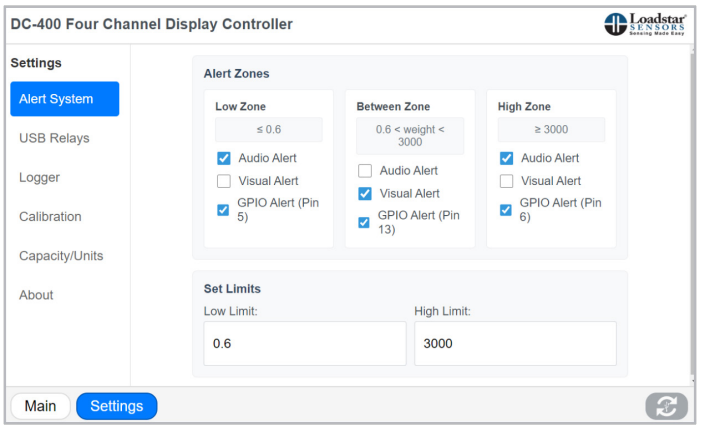
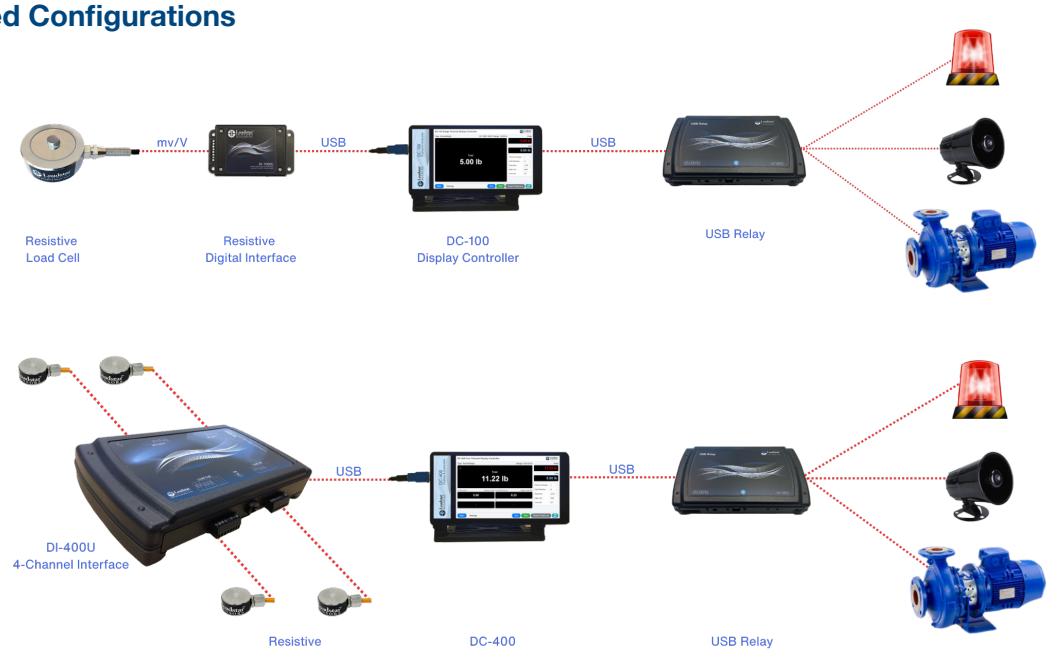
Control Devices using USB Relays



Set Alerts

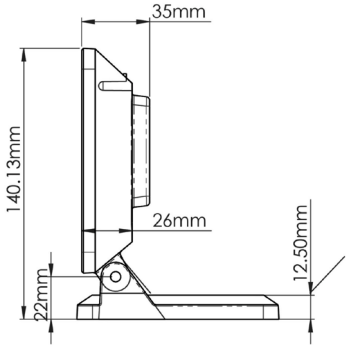


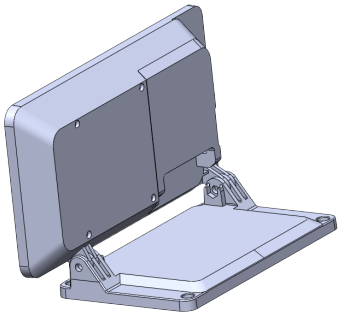
Suggested Configurations



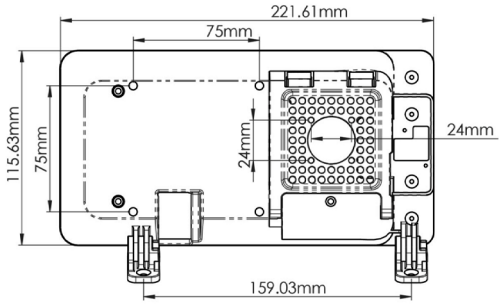
Dimensions

Side

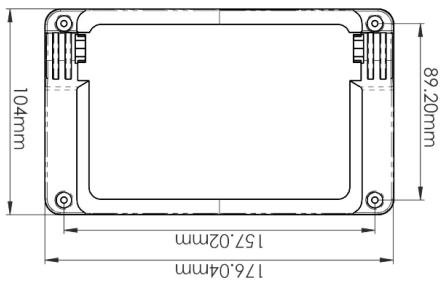




Back



Base



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