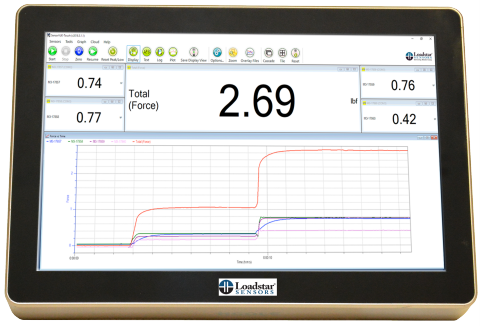
Loadstar SENSORS
Load Sensing Made Easy

DS-4000-Pro Touch Screen Multi Sensor Display



Overview

The DS-4000-Pro is a versatile and simple touch screen LCD display that can be used with any of our USB Sensor solutions. The DS-4000-Pro when powered up launches straight into an application that shows available connected USB Sensors or Sensor + USB/ Interface (DI-100U/ DI-1000U) pairs. A user can select the device to display values from, choose the units in which the values are to be displayed (lbs, Kgs, N etc.), zero out any initial values (Tare) and start displaying force/weight information on the LCD touch screen. Values are updated at about 10 Hz for crisp and responsive updates. Users can also log data to a CSV file and plot data vs time.

The devices/configurations supported include:

- iLoad/iLoad TR/iLoad Pro USB Capacitive Load Cells
- iLoad Mini + DQ-1000U USB Capacitive Load Cell Kit
- Any of our resistive load cells paired with the DI-100U USB Load Cell Interface
- Any of our resistive load cells or torque sensors, displacement sensors or pressure sensors paired with the DI-1000U USB Load Cell Interface

The device is powered by a 5V, 3A power adapter that is provided as part of the purchase. Connect the sensor+interface devices into the USB port or USB Hub (HX-400, HX-700) and then turn on DS-4000-Pro to activate the display.

Specifications

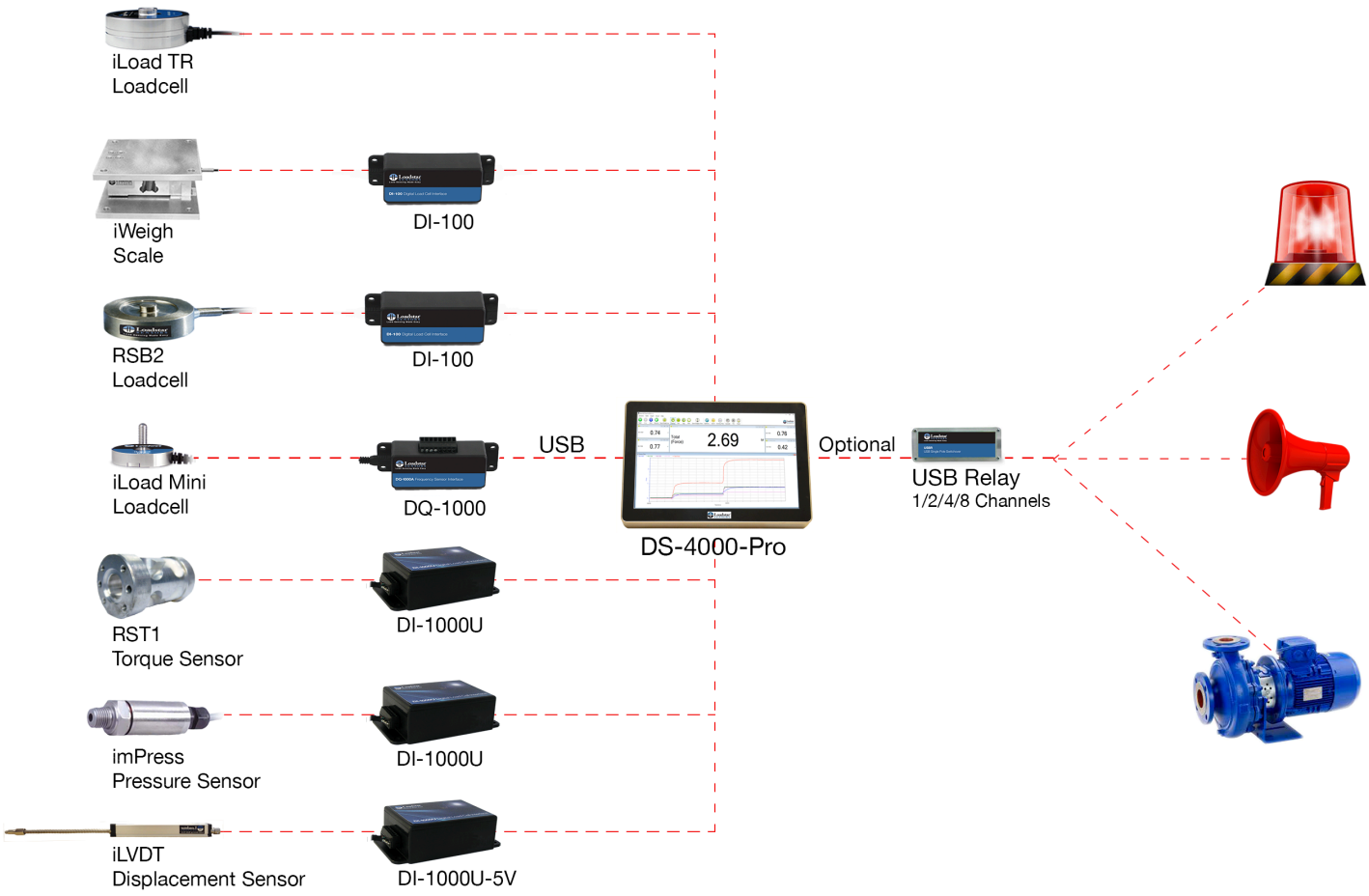
Channels	Unlimited number of sensors + USB interface pairs can be connected
Compatible Sensors	iLoad Digital, iLoad Pro Digital, iLoad TR & iLoad Mini paired with DQ-1000U or any sensor (force, torque, displacement, pressure) with compatible USB Interface (DI-1000U/DI-1000U-5V)
Compatible Interfaces	DQ-1000U, DI-100U/ DI-100UHS, DI-1000U/ DI-1000UHS/DI-1000U-5V/DI-1000UHS-5V
Input Options	USB
Input Connector	USB Type A, Three Available Ports
Power Supply	5V, 3A
Display	8" Touch Screen LCD, 1280x800 Resolution
Memory	4 GB
Storage	64 GB Flash Drive
Video Output	HDMI
Connectivity	802.11 B/G/N and Bluetooth 4.0

Ordering Information

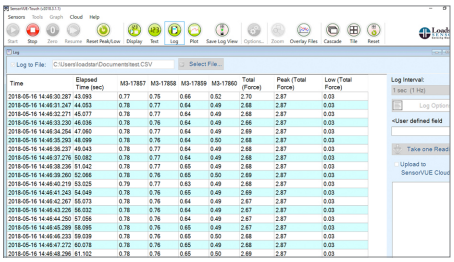
Available Configurations	
Option	Part No.
Sense Only	DS-4000-Pro-SensorVUE
Sense & Control	DS-4000-Pro-ControlVUE

© 2018 Loadstar Sensors · 48521 Warm Springs Blvd., Suite 308, Fremont, CA 94539 · P: (510) 274-1-USB or (510) 274-1872 F: (510) 952-3700

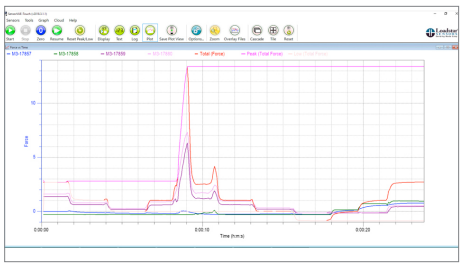
Suggested Configurations



DS-4000-Pro Screens



Logging



Plotting

Composite

© 2018 Loadstar Sensors · 48521 Warm Springs Blvd., Suite 308, Fremont, CA 94539 · P: (510) 274-1-USB or (510) 274-1872 F: (510) 952-3700