

SC-1200 Sensor Concentrator



Highlights

Standard Features

- ★ Connect 12 iLoad Series Load Cells to your computer
- ★ Compatible with DI-100U Interface for Resistive Load Cells
- ★ Monitor your load cells remotely
- ★ Wireless XBee option available with 1000 ft range



Overview

The SC-1200 is a scalable data acquisition system for measuring loads and forces using Loadstar's iLoad series load cells. Each SC-1200 supports 12 load cells. Multiple SC-1200s can be daisy-chained together to form a networked sensor farm of up to 3000 load cells. Only a single uplink to the host PC is needed to access any or all sensor data in the farm!

Specifications

Channels	12
Compatible Load Cells	iLoad Digital, iLoad Pro Digital, iLoad TR & iLoad Mini paired with DQ-1000
Compatible Software	Lv-1200
Input Connectors	USB 5-pin mini-B female
Output Connector	USB Type B
Network Connectors	RJ11-6 pin, RJ48
Power Supply	12V DC
Sampling Rate	1 Hz per channel
Operating Temperature	32° F to 158° F (0° C to 70° C)
Dimensions (L x W x H)	9.18 in. x 5.25 in. x 1.5 in.
Options	Rechargeable Battery Pack with 8 hours of continuous operation during power failure XBee Wireless: 1000 foot range

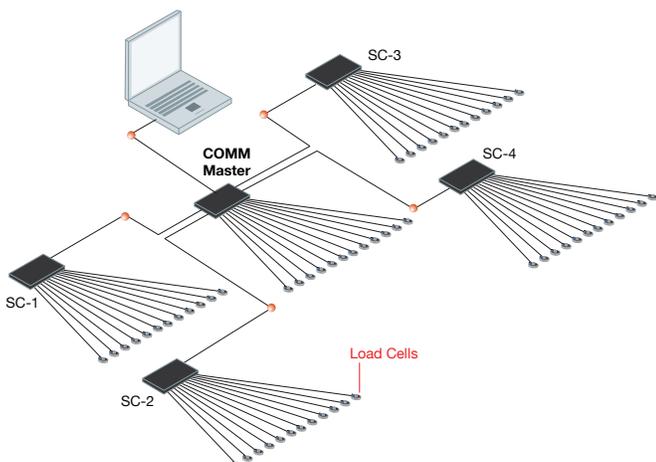
Ordering Information

Available Configurations	
Option	Part No.
Basic	SC-1200
XBee Wireless	SC-1200Z
XBee Wireless with Battery backup	SC-1200ZP

Certifications



Sample Network Diagram



Front View



Up to 12 Load Cells (inputs)

Back View

