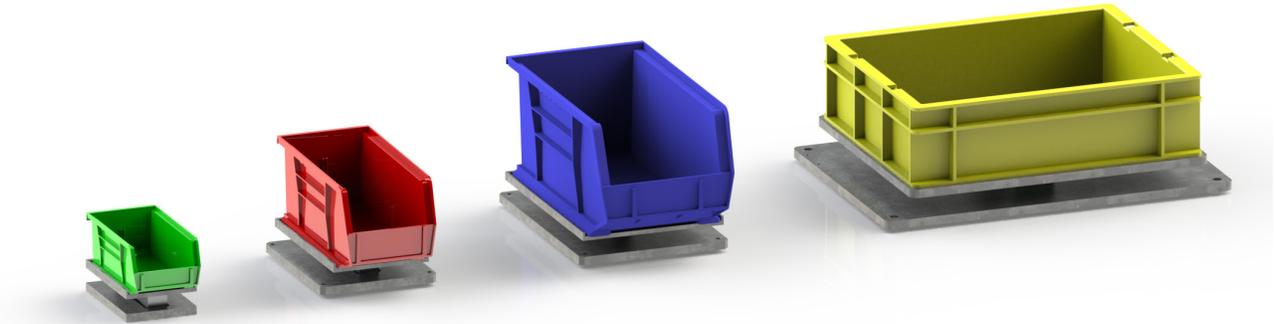![Loadstar Sensors logo - Sensing Made Easy]

Digital Scales

Smart scales along with routers and software constitute StockVUE, an IoT solution for autonomous inventory management. StockVUE provides a frictionless solution for keeping track of inventory remotely and is used for inventory control in retail, distribution, manufacturing, healthcare, and other industries.

StockVUE uses digital smart scales to keep track of inventory by weight. These rugged, industrial quality scales are made of die-cast aluminum and come with a base and platform in four different sizes: Mini, Small, Medium and Large. Each size smart scale comes in various capacities to enable parts of different sizes, weights and capacities to be measured and counted accurately. They can be used for weighing items as light as 1gm to heavier items weighing tens of pounds per piece.

The scales have been designed to handle standard bins such as those made by Akro-Mils, Uline and others and can be placed on any existing shelves or racks of any kind (wire mesh, metal, wood etc.)

These high accuracy smart scales are connected to our SC-1200 sensor routers via UART but can also operate in USB mode with our S2U Serial to USB Dongles. Once connected to the SC-1200 series routers, weight data can be uploaded to the cloud.

Specifications

Zero Balance	± 2%	Output Impedance	350 ± 4 Ohm
Safe Overload	to 150% of capacity (300% Ultimate Overload)	Insulation	> 5,000 MΩ
Rated Excitation	10V DC (20V Maximum)	Creep, in 1 hour	± 0.02% of Full Scale
Full Scale Output	1 mv/V ± 10%	Operating Temperature Range	-10°C to 40°C with TARE
Connections	1ft Cable (Scale to Interface)	Temperature Effect on Output	15 ppm/°C of Load
Input Impedance	420 ± 30 Ohm	Temperature Effect on Zero	40 ppm/°C of Full Scale
		Seal Type	IP66

Ordering Information

Multiple Scale Capacities (Aluminum Base and Platform)			
Capacity	Model No.	Accuracy (of Full Scale)	Output
Mini Scale			
1 kilogram	SV-SCL-4x6-001M	± 0.05%	UART/USB
2 kilogram	SV-SCL-4x6-002M	± 0.05%	UART/USB
3 kilogram	SV-SCL-4x6-003M	± 0.05%	UART/USB
Small Scale			
3 kilogram	SV-SCL-7x9-003M	± 0.05%	UART/USB
5 kilogram	SV-SCL-7x9-005M	± 0.05%	UART/USB
10 kilogram	SV-SCL-7x9-010M	± 0.05%	UART/USB

Multiple Scale Capacities (Aluminum Base and Platform)			
Capacity	Model No.	Accuracy (of Full Scale)	Output
Medium Scale			
10 kilogram	SV-SCL-9x13-010M	± 0.05%	UART/USB
20 kilogram	SV-SCL-9x13-020M	± 0.05%	UART/USB
50 kilogram	SV-SCL-9x13-050M	± 0.05%	UART/USB
Large Scale			
50 kilogram	SV-SCL-15x18-050M	± 0.05%	UART/USB
100 kilogram	SV-SCL-15x18-100M	± 0.05%	UART/USB
250 kilogram	SV-SCL-15x18-250M	± 0.05%	UART/USB

www.loadstarsensors.com · sales@loadstarsensors.com · Specifications subject to change without notice.

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Digital Scale Dimensions
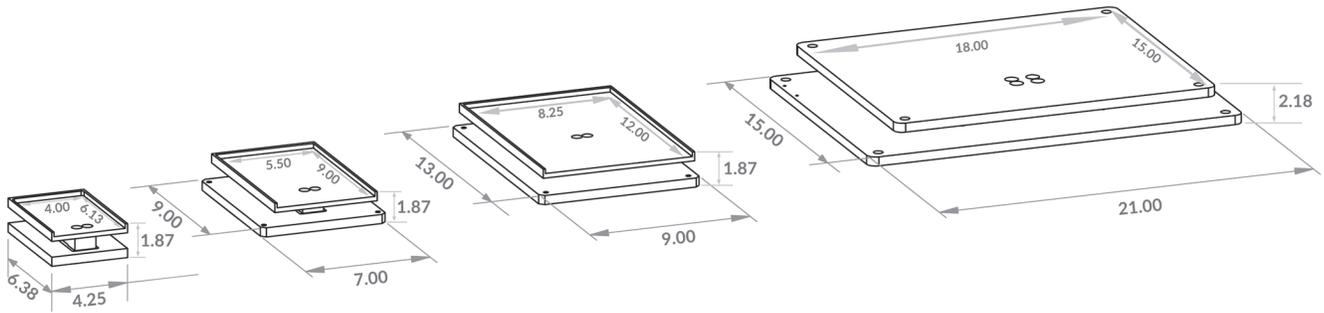
Mini Scale
1, 2, 3 Kg

Small Scale
3, 5, 10 Kg

Medium Scale
10, 20, 50 Kg

Large Scale
50, 100, 250 Kg

Configuration