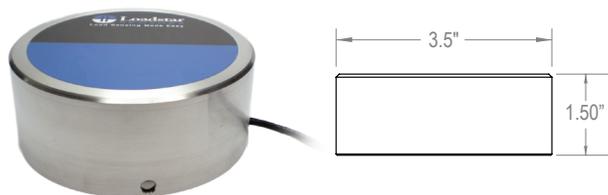


## iWeigh USB Scale

For applications that require a scale (not just a load cell), we offer iWeigh scales in a variety of configurations ranging in shape and size from just a circular 3.5" diameter scale to a square 8" x 8" scale to a rectangular 15" x 18" scale with capacities from just 300 grams to 750 kg. Scales offer analog or digital output including 2 mV/V, 0-5 VDC, Serial TTL/UART, USB, 802.15.4 Wireless or WiFi. Data from any of the digital interfaces can be displayed, logged and plotted on a Windows PC or Tablet using our LoadVUE, SensorVUE or ControlVUE software.



**iWeigh-6D**



**iWeigh-3.5D**

### Ordering Information

Multiple Scale Capacities (Aluminum Housing and Aluminum Plates)			
Capacity	Model No.	Accuracy (of Full Scale)	Output
300 grams	iW-6D-300G-DI-100U	± 0.1%	USB
1 kilogram	iW-6D-1M-DI-100U	± 0.1%	USB
2 kilogram	iW-6D-2M-DI-100U	± 0.1%	USB
3 kilogram	iW-6D-3M-DI-100U	± 0.1%	USB
with: DI-1000U *			
300 grams	iW-6D-300G-DI-1000U	± 0.05%	USB
1 kilogram	iW-6D-1M-DI-1000U	± 0.05%	USB
2 kilogram	iW-6D-2M-DI-1000U	± 0.05%	USB
3 kilogram	iW-6D-3M-DI-1000U	± 0.05%	USB
with: DI-1000ZP			
300 grams	iW-6D-300G-DI-1000ZP	± 0.05%	Wireless
1 kilogram	iW-6D-1M-DI-1000ZP	± 0.05%	Wireless
2 kilogram	iW-6D-2M-DI-1000ZP	± 0.05%	Wireless
3 kilogram	iW-6D-3M-DI-1000ZP	± 0.05%	Wireless
with: AI-1000			
300 grams	iW-6D-300G-AI-1000	± 0.05%	Analog
1 kilogram	iW-6D-1M-AI-1000	± 0.05%	Analog
2 kilogram	iW-6D-2M-AI-1000	± 0.05%	Analog
3 kilogram	iW-6D-3M-AI-1000	± 0.05%	Analog

\*High Speed USB version with 500 HZ and 1KHZ data rate output available

### Ordering Information

Multiple Scale Capacities (Aluminum Housing and Aluminum Plates)			
Capacity	Model No.	Accuracy (of Full Scale)	Output
300 grams	iW-3.5D-300G-DI-100U	± 0.1%	USB
1 kilogram	iW-3.5D-1M-DI-100U	± 0.1%	USB
2 kilogram	iW-3.5D-2M-DI-100U	± 0.1%	USB
3 kilogram	iW-3.5D-3M-DI-100U	± 0.1%	USB
with: DI-1000U *			
300 grams	iW-3.5D-300G-DI-1000U	± 0.05%	USB
1 kilogram	iW-3.5D-1M-DI-1000U	± 0.05%	USB
2 kilogram	iW-3.5D-2M-DI-1000U	± 0.05%	USB
3 kilogram	iW-3.5D-3M-DI-1000U	± 0.05%	USB
with: DI-1000ZP			
300 grams	iW-3.5D-300G-DI-1000ZP	± 0.05%	Wireless
1 kilogram	iW-3.5D-1M-DI-1000ZP	± 0.05%	Wireless
2 kilogram	iW-3.5D-2M-DI-1000ZP	± 0.05%	Wireless
3 kilogram	iW-3.5D-3M-DI-1000ZP	± 0.05%	Wireless
with: AI-1000			
300 grams	iW-3.5D-300G-AI-1000U	± 0.05%	Analog
1 kilogram	iW-3.5D-1M-AI-1000U	± 0.05%	Analog
2 kilogram	iW-3.5D-2M-AI-1000U	± 0.05%	Analog
3 kilogram	iW-3.5D-3M-AI-1000U	± 0.05%	Analog

\*High Speed USB version with 500 HZ and 1KHZ data rate output available

### Specifications

Zero Balance	± 2%
Safe Overload	to 150% of capacity (300% Ultimate Overload)
Rated Excitation	10V DC (20V Maximum)
Full Scale Output	1 mV/V ± 10%
Connections	1ft Cable (Scale to Interface)
Input Impedance	420 ± 30 Ohm

Output Impedance	350 ± 4 Ohm
Insulation	> 5,000 MΩ
Creep, in 1 hour	± 0.02% of Full Scale
Operating Temperature Range	-10°C to 40°C with TARE
Temperature Effect on Output	15 ppm/°C of Load
Temperature Effect on Zero	40 ppm/°C of Full Scale
Seal Type	IP66

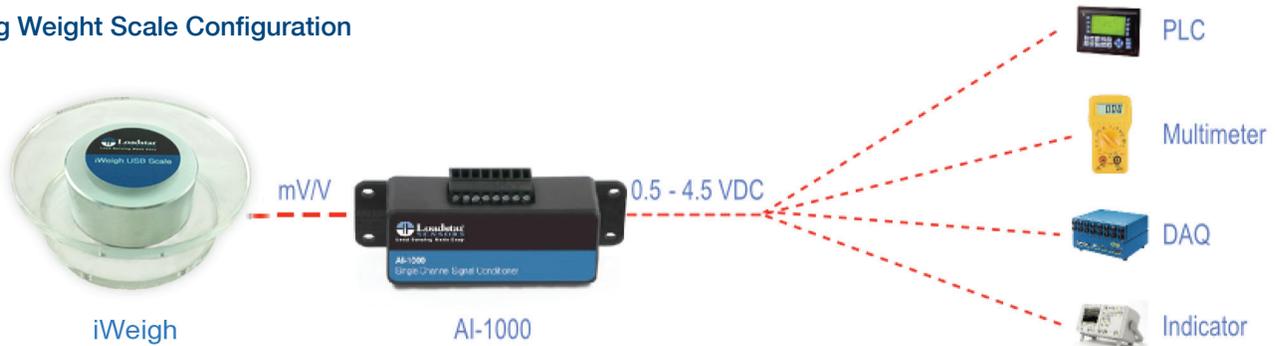
### USB Weight Scale Configuration



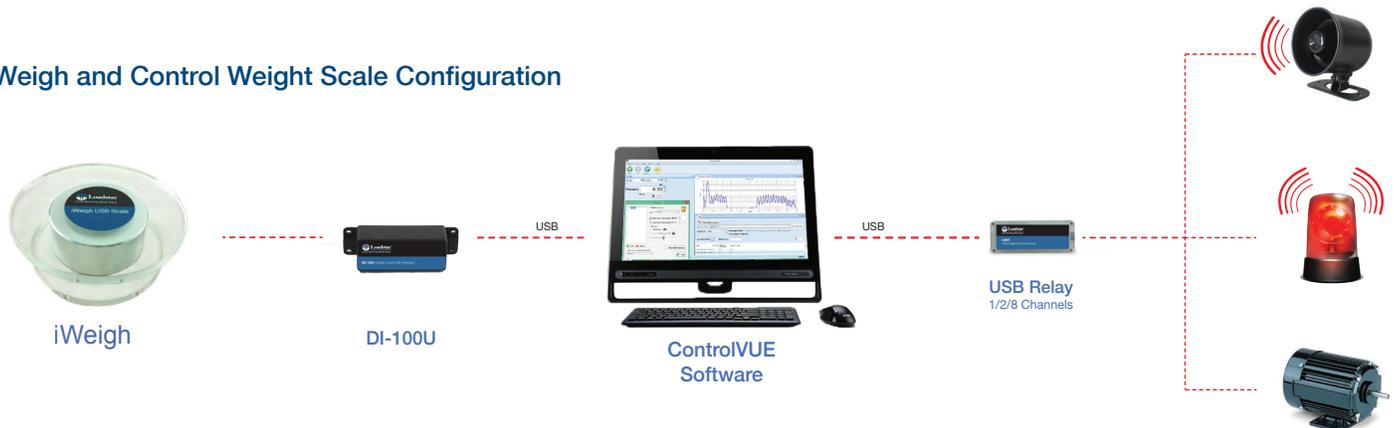
### Wireless Weight Scale Configuration



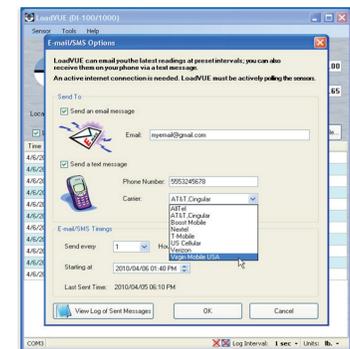
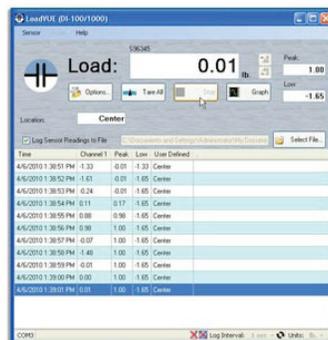
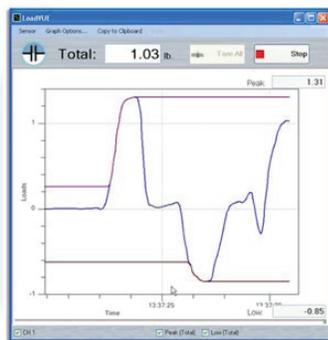
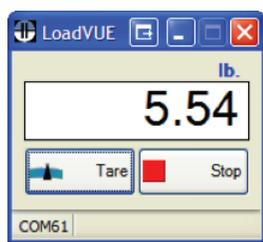
### Analog Weight Scale Configuration



### Weigh and Control Weight Scale Configuration

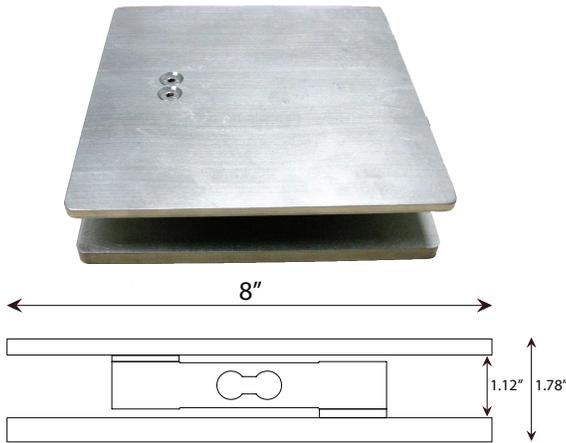


### Software - Features

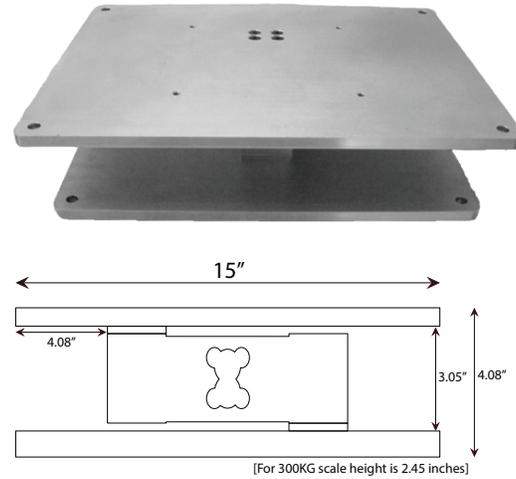


## iWeigh USB Scale

iWeigh-8x8



iWeigh-15x18



### Ordering Information

Multiple Scale Capacities (Aluminum Base and Platform)			
Capacity	Model No.	Accuracy (of Full Scale)	Output
5 kilogram	iW-8x8-5M-DI-100U	± 0.1%	USB
10 kilogram	iW-8x8-10M-DI-100U	± 0.1%	USB
20 kilogram	iW-8x8-20M-DI-100U	± 0.1%	USB
50 kilogram	iW-8x8-50M-DI-100U	± 0.1%	USB
with: DI-1000U *			
5 kilogram	iW-8x8-5M-DI-1000U	± 0.05%	USB
10 kilogram	iW-8x8-10M-DI-1000U	± 0.05%	USB
20 kilogram	iW-8x8-20M-DI-1000U	± 0.05%	USB
50 kilogram	iW-8x8-50M-DI-1000U	± 0.05%	USB
with: DI-1000ZP			
5 kilogram	iW-8x8-5M-DI-1000ZP	± 0.05%	Wireless
10 kilogram	iW-8x8-10M-DI-1000ZP	± 0.05%	Wireless
20 kilogram	iW-8x8-20M-DI-1000ZP	± 0.05%	Wireless
50 kilogram	iW-8x8-50M-DI-1000ZP	± 0.05%	Wireless
with: AI-1000			
5 kilogram	iW-8x8-5M-AI-1000	± 0.05%	Analog
10 kilogram	iW-8x8-10M-AI-1000	± 0.05%	Analog
20 kilogram	iW-8x8-20M-AI-1000	± 0.05%	Analog
50 kilogram	iW-8x8-50M-AI-1000	± 0.05%	Analog

\*High Speed USB version with 500 HZ and 1KHZ data rate output available

### Specifications

Zero Balance	± 2%
Safe Overload	to 150% of capacity (300% Ultimate Overload)
Rated Excitation	10V DC (20V Maximum)
Full Scale Output	1 mV/V ± 10%
Connections	1ft Cable (Scale to Interface)
Input Impedance	420 ± 30 Ohm

### Ordering Information

Multiple Scale Capacities (Aluminum Base and Platform)			
Capacity	Model No.	Accuracy (of Full Scale)	Output
250 kilogram	iW-15x18-250M-DI-100U	± 0.1%	USB
300 kilogram	iW-15x18-300M-DI-100U	± 0.1%	USB
500 kilogram	iW-15x18-500M-DI-100U	± 0.1%	USB
750 kilogram	iW-15x18-750M-DI-100U	± 0.1%	USB
with: DI-1000U *			
250 kilogram	iW-15x18-250M-DI-1000U	± 0.05%	USB
300 kilogram	iW-15x18-300M-DI-1000U	± 0.05%	USB
500 kilogram	iW-15x18-500M-DI-1000U	± 0.05%	USB
750 kilogram	iW-15x18-750M-DI-1000U	± 0.05%	USB
with: DI-1000ZP			
250 kilogram	iW-15x18-250M-DI-1000ZP	± 0.05%	Wireless
300 kilogram	iW-15x18-300M-DI-1000ZP	± 0.05%	Wireless
500 kilogram	iW-15x18-500M-DI-1000ZP	± 0.05%	Wireless
750 kilogram	iW-15x18-750M-DI-1000ZP	± 0.05%	Wireless
with: AI-1000			
250 kilogram	iW-15x18-250M-AI-1000	± 0.05%	Analog
300 kilogram	iW-15x18-300M-AI-1000	± 0.05%	Analog
500 kilogram	iW-15x18-500M-AI-1000	± 0.05%	Analog
750 kilogram	iW-15x18-750M-AI-1000	± 0.05%	Analog

\*High Speed USB version with 500 HZ and 1KHZ data rate output available

Output Impedance	350 ± 4 Ohm
Insulation	> 5,000 MΩ
Creep, in 1 hour	± 0.02% of Full Scale
Operating Temperature Range	-10°C to 40°C with TARE
Temperature Effect on Output	15 ppm/°C of Load
Temperature Effect on Zero	40 ppm/°C of Full Scale
Seal Type	IP66

### USB Weight Scale Configuration



iW-8x8

mV/V



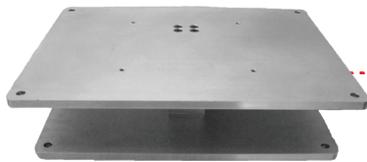
DI-100U (16 bit)  
DI-1000U (24 bit)

USB



LV-1000

### Wireless Weight Scale Configuration



iW-15x18

mV/V



DI-1000ZP (24 bit)

WIRELESS )))



LV-1000

### Analog Weight Scale Configuration



iW-8x8

mV/V



AI-1000

0.5 - 4.5 VDC



PLC



Multimeter



DAQ



Indicator

### Weigh and Control Weight Scale Configuration



iW-15x18



DI-100U

USB



ControlVUE  
Software

USB



USB Relay  
1/2/8 Channels



### DI-100 with S2R



DI-100



S2R



Programmable Logic  
Controller