

# Dimension<sup>®</sup> Plus

DIMENSIONING SYSTEMS



**RICE LAKE<sup>®</sup>**  
WEIGHING SYSTEMS

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[www.ricelake.com](http://www.ricelake.com)

# A New Era of Shipping

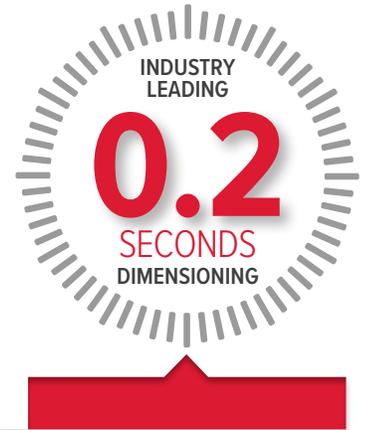
Rice Lake's iDimension Plus is the fastest static solution for calculating dimensions of boxes, flats, polybags, tubes and irregular-shaped packages. The iDimension Plus eliminates revenue loss by providing accurate dimension and weight calculations required by parcel and postal carriers. Users can truly plug and play with the iDimension Plus—simply open and assemble to instantly display dimensions.

## Easy Setup

Users can begin using the iDimension Plus within 30 minutes of unboxing with an easy-to-use setup wizard. Connect to the web-based interface to harness advanced configuration and communication settings—no additional software installation is required.

## Speed and Accuracy

Parcels are dimensioned faster and more accurately than manual measurements, eliminating the risk of human error. In an industry-leading 0.2 seconds, parcels are automatically calculated within 0.2 inches (5 mm), providing maximum throughput by requiring no need for special alignment or handling while placing a package. Irregular-shaped packages like cylinders, spheres, tubes, polybags and uneven shapes are calculated within +/- 0.5 inches (10 mm).



## INNOVATIVE TECHNOLOGY

The iDimension Plus uses multiple patented 3D-imaging technologies with advanced algorithms to optimize time and throughput for static outbound shipments. For objects under 1.2 inches (30 mm), unique flat-detection technology measures and weighs envelopes and small packages. Each dimension provides an overhead image for use during claim disputes on damaged packages. Optional high resolution 4K image is available.

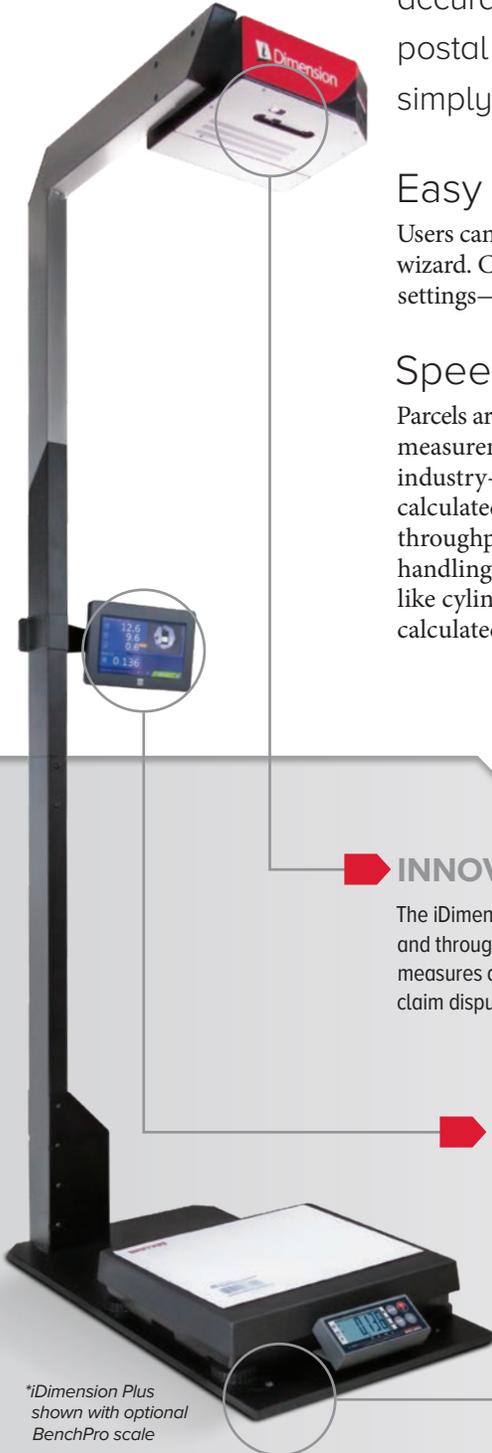
## OPERATOR DISPLAY

A color touchscreen display provides instant feedback, an image, measurements, weight and operator functions for day-to-day use.

## OPERATING VERSATILITY

The iDimension Plus has automatic and manual trigger configurations. A small footprint and configurable scan area provide easy integration into any workspace.

*\*iDimension Plus shown with optional BenchPro scale*





## iDimension® Plus XL

The iDimension Plus XL is specifically designed for integrators to provide flexibility in the installation of a dimensioning solution. It can be installed anywhere over a conveyor, table or scale from a pole, ceiling mount or support beam. This model includes all the great features of the iDimension Plus, with added flexibility to mount the scanning head at 60 inches (1.5 meters) and 80 inches (2 meters).

The iDimension Plus XL has the option for a powered USB hub for use of more than one peripheral and UPS WorldShip interface. There is also an optional USB barcode scanner with keyboard wedge emulation which will manually trigger dimensioning and add barcode text data into web service API.



## Motoweigh Roller Top Scale System

The Motoweigh Roller Top Scale has integrated overload protection, four load cells, mild steel powder-coated frame, non-powder-coated rollers and 100 x 0.05 pound capacity and resolution. With the flexibility of the iDimension Plus XL, you can pair together to help improve the process of your existing workflow. Dimension and weigh each package in less than 1 second.





## Peripherals

Connect the iDimension Plus to a Rice Lake BenchPro Series shipping scale to add weight for each dimension. Users may also connect the iDimension Plus to a USB barcode scanner with a wedge emulation to manually trigger dimensioning and add barcode text data.



## Software Integration

As a network device, the iDimension Plus' and Plus XL's simple, open-web service API and SDKs can capture dimensions, weight and images of the item.

The iDimension Plus also provides TCP/IP, keyboard wedge software and data extraction modes as methods for integration into existing ERP, TMS and WMS systems.

Install iDimension SS web server software anywhere on a network PC or server to trigger any iDimension product over the network using our simple Rest API or with a TCP/IP barcode scanner. Add a TCP/IP label printer to print data collected, such as weight, dimension, identification number and configurable user fields.

## Shipping Software and WMS Interface

The iDimension Plus is compatible with popular shipping programs, including UPS WorldShip<sup>®</sup>. Contact Rice Lake to learn about other compatible software programs.

### SPECIFICATIONS

- POWER REQUIREMENTS:** Single power source 110-240 V external power supply, power cord
- OBJECT COLORS:** All opaque packaging
- MEASUREMENT TIME:** 0.2 seconds, scale settling times may vary by scale
- DISPLAY:** 7 in projected capacitive touchscreen
- OPERATING TEMPERATURE:** 32° F to 104° F (0° C to 40° C)
- HUMIDITY:** Non-condensing
- MECHANICAL ENVIRONMENT CLASS:** M1
- ELECTROMAGNETIC CLASS:** E1
- I/O PORTS:** (1) USB type A port  
(1) 10/100/1000 BASE-T Ethernet port (interface to PC)
- PACKAGE CONTENTS:** iDimension Plus, calibration object, operator display and power cord
- WARRANTY:** Two-year limited warranty

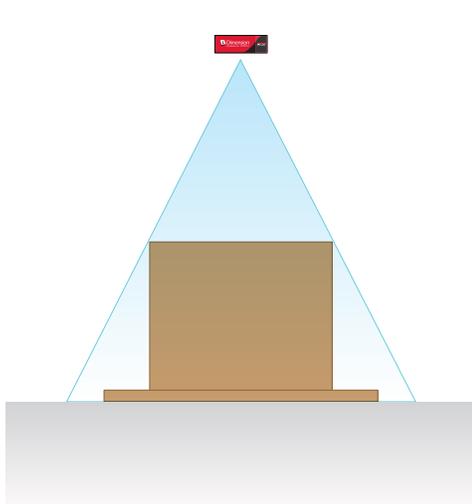
### APPROVALS



NTEP Certified  
COC#19-040



## Measuring Capabilities



Unit of measure: Inches

80 (platform distance)			
MAXIMUM DIMENSION			
Height	Length	Width	
4	48	32	
6	48	32	
8	48	32	
10	48	32	
12	48	32	
14	48	32	
16	48	32	
18	48	32	
20	48	32	
22	48	32	
24	48	32	
26	48	32	
28	48	30	
30	48	29	
32	48	28	

60 (platform distance)			
MAXIMUM DIMENSION			
Height	Length	Width	
2	48	32	
4	48	32	
6	48	32	
8	48	30	
10	48	29	
12	48	28	
14	46	27	
16	44	26	
18	42	25	
20	40	23	
22	38	22	
24	36	21	
26	34	20	
28	32	19	

48 (platform distance)			
MAXIMUM DIMENSION			
Height	Length	Width	
2	40	24	
4	40	24	
6	40	24	
8	40	23	
10	38	22	
12	36	21	
14	34	20	
16	32	19	
18	30	18	
20	28	16	
22	26	15	
24	24	14	