

# iDimension® Plus

Static Dimensioning System



## Approvals



## Specifications

### Physical Dimensions:

Length: 25 in (63.5 cm)  
Width: 14.25 in (36 cm)  
Height: 63.8 in (162 cm)  
Weight: 28.5 lb (13 kg)

### Power Requirements:

Single power source 110-240 V external power supply, US power cord

### Object Colors:

All opaque packaging

### Measurement Time:

0.2 seconds, scale settling times vary by manufacturer

### I/O Ports:

(1) USB t A port (interface to scale) (1)  
10/100/100BASE-T Ethernet po (interface to PC)

### Software Integration:

API and SDK files available for network device integration

### Package Contents:

iDimension Plus, calibration object, USB display and US power cord

### Operating Temperature:

32° F to 86° F (0° C to 30° C)

### Humidity:

Non-condensing

### Warranty:

Two-year limited warranty

### Approvals:

NTEP  
CE  
FCC

The iDimension Plus static dimensioning system automatically measures parcels and irregular packages in less than 0.2 seconds to help determine if the package shipping fees will be determined using a dimensional or actual weight used in outbound shipments.

A small footprint allows for easy integration into current workstations, tables or shipping desks found in shipping environment or in retail counter applications.

## Standard Features

- Easy to assemble with limited operator training required, up and running within 30 minutes
- Displays dimensions in less than 200ms
- Requires virtually no special alignment or special handling while placing a package to increase throughput with adjustable scan zone and area of interest
- Includes 7 inch USB touchscreen monitor:
  - Displays dimensions, image, status and weight if scale is directly attached
  - Initial setup and configuration wizard
  - Access to operator controls and functions
- Dimensions parcels at 0.2 in (5 mm) Legal for Trade accuracy
- Dimensions irregular, shaped packages, polybags and uneven shapes to 0.5 in (1 cm) Legal for Trade accuracy using automatic recognition
- Legal for Trade measurements do not determine the minimum and maximum measurement capabilities available, see website for measurement capabilities

### Images:

- Included low resolution color image captures overhead photo of every item, available in .bmp or .jpg format through XML API integration
- High resolution color image, 2880 x 2160 pixels, available from iDimension Plus 4K

### Peripherals:

- Optional powered USB Hub for use of more than one peripheral and UPS Worldship interface
- Optional USB barcode scanner with keyboard wedge emulation will manually trigger dimensioning
- Rice Lake Weighing Systems BenchPro shipping and postal scales

Installed at 1.5M [60 inch] Pole Height.  
Legal for Trade Measurement Range - Cubes

	Minimum		Maximum	
Length	5.4 in	180 mm	48 in	800/1200 mm
Width	5.4 in	180 mm	28 in	500/800 mm
Height	2.4 in	50 mm	28 in	700/100 mm
Division	0.2 in	5 mm	0.2 in	5 mm

Legal for Trade Measurement Range -Irregulars

	Minimum		Maximum	
Length	6.0 in	180 mm*	48 in	800/1200 mm*
Width	6.0 in	180 mm*	28 in	500/800 mm*
Height	6.0 in	100 mm*	28 in	700/100 mm*
Division	0.5 in	10 mm*	0.5 in	10 mm*

\* Approval pending

### Part Numbers/Price

Part #	Description	Est. Weight	Price
<b>US (NTEP)</b>			
<b>Small parcels (1.2m pole)</b>			
200972	iDim Plus 1.2m Pole Assy		Consult
200967	iDim Plus 4K 1.2m Pole Assy		Consult
<b>Medium parcels (1.5m pole)</b>			
192380	iDim Plus 1.5m Pole Assy		Consult
200966	iDim Plus 4K 1.5m Pole Assy		Consult
<b>International OIML/MID</b>			
<b>Small parcels (1.2m pole)</b>			
204599	iDim Plus 1.2m Pole Assy		Consult
204600	iDim Plus 4K 1.2m Pole Assy		Consult
<b>Medium parcels (1.5m pole)</b>			
204596	iDim Plus 1.5m Pole Assy		Consult
204598	iDim Plus 4K 1.5m Pole Assy		Consult
<b>iDimension Plus Accessories</b>			
176307	Quick Scan, QD2131 barcode scanner with USB cable. Keyboard wedge emulation mode only (alpha/numeric)		Consult
180007	Kit USB Hub, 5m cable assy, power adapter, 4 port industrial hub, North America power supply		Consult
205533	Power cord, 90 CEE 7/70 C 13.5 meters		Consult
95589	Power cord, detachable, UK, 2.5 meters		Consult
197896	Software, 880 iRite NCI protocol		Consult
<b>iDimension Plus UPS Worldship Interface</b>			
180771	Kit USB Hub for BenchPro Scale and UPS Worldship compatibility. Includes Interface cable for RS-232 & USB to PC		Consult
<b>Optional Integration Solutions</b>			
203010*	QubeVu Desktop App, Software Keyboard Wedge, Windows 10		N/C
*	QubeVu Software Development Kit (SDK)		N/C
175812	iDimension Software Suite, Windows 10		Consult
<b>Optional Factory Service and Support</b>			
202029	Factory software integration remote support		Consult/Hour
202027	Factory assembly, setup and configuration remote support		Consult/Unit
202028	Annual Software Maintenance		Consult/Unit
<b>Extended Warranty – 2 year standard</b>			
202030	iDimension Plus additional 1 year extended warranty		Consult
202031	iDimension Plus additional 2 year extended warranty		Consult
202032	iDimension Plus additional 3 year extended warranty		Consult
<b>Rice Lake BenchPro Compatible Scales</b>			
<b>Postal Scale 12 x 14 inch Weight Platter</b>			
192361**	Model BP 1214-35P - 70 lb Postal Scale, SS Weight Platter		Consult
194625**	Model BP 1214-35P - 70 lb Postal Scale, Painted Mild Steel Weight Platter		Consult
<b>Shipping Scale 12 x 14 inch Weight Platter</b>			
174879	Model BP 1214-75S, 150 x 0.05 lb / 75 x 0.02 kg, Stainless Steel Weight Platter		Consult
184585	Model BP 1214-75S, 150 x 0.05 lb / 75 x 0.02 kg Painted Mild Steel Weight Platter		Consult
<b>Shipping Scale 18 x 18 inch Weight Platter</b>			
202190	Model BP 1818-75S, 150 x 0.05 lb / 75 x 0.02 kg Roller Conveyor Weight Platter		Consult
201730	Model BP 1818-75S, 150 x 0.05 lb / 75 x 0.02 kg Ball Top Weight Platter		Consult
202191	Model BP 1818-75S, 150 x 0.05 lb / 75 x 0.02 kg, Painted Mild Steel Weight Platter		Consult

\*Available for free download at [www.ricelake.com](http://www.ricelake.com) \*\*USB HID interface not available when in the Postal Scale lb/oz mode  
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# iDimension® Plus

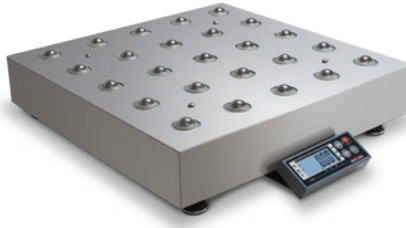
Static Dimensioning System

## Part Numbers/Price

Part #	Description	Est. Weight	Price
<b>Shipping Scale 20 x 20 inch Weight Platter</b>			
182395	Model BP 2020-150S, 300 x 0.1 lb /150 x 0.05 kg, Stainless Steel Weight Platter		Consult
182396	Model BP 2020-150S, 300 x 0.1 lb /150 x 0.05 kg, Painted Mild Steel Weight Platter		Consult
182398	Model BP 2020-150S, 300 x 0.1 lb /150 x 0.05 kg, Roller Conveyor Weight Platter		Consult
<b>Shipping Scale 24 x 24 inch Weight Platter</b>			
182399	Model BP 2424-150S, 300 x 0.1 lb /150 x 0.05 kg, Stainless Steel Weight Platter		Consult
182400	Model BP 2424-150S, 300 x 0.1 lb /150 x 0.05 kg, Painted Mild Steel Weight Platter		Consult
182401	Model BP 2424-150S, 300 x 0.1 lb /150 x 0.05 kg, Ball Top Weight Platter		Consult
182402	Model BP 2424-150S, 300 x 0.1 lb /150 x 0.05 kg, Roller Conveyor Weight Platter		Consult



Model BP 1214-S with stainless steel shroud



Model BP 1818-S with ball top shroud



Model BP 2424-S with roller conveyor weight platter