iDimension® Plus
Static Dimensioning System

BalanzasGalicia.com
soluciones en pesaje comercial, industrial y laboratorio

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

Approvals

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

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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*

Installed at 1.2M (48 inch) Pole Height

Legal for Trade Measurement Range - Cubes

	Minimum		Maximum	
Length	5.4 in*	140 mm*	40 in*	600/1000 mm*
Width	5.4 in*	140 mm*	24 in*	350/600 mm*
Height	2.4 in*	50 mm*	24 in*	600/200 mm*
Division	0.2 in*	5 mm*	0.2 in*	5 mm*

Legal for Trade Measurement Range -Irregulars

	Minimum		Maximum	
Length	6.0 in*	140 mm*	40 in*	600/1000 mm*
Width	6.0 in*	140 mm*	24 in*	350/600 mm*
Height	6.0 in*	50 mm*	24 in*	600/200 mm*
Division	0.5 in*	10 mm*	0.5 in*	10 mm*

** Approval pending*

Part Numbers/Price

Part #	Description	Est. Weight	Price
iDimension Plus with 1.5M Pole Assembly			
192380	iDim Plus 1.5M Pole Assy		Consult
200966	iDim Plus 4K 1.5M Pole Assy		Consult
iDimension Plus with 1.2M Pole Assembly			
200972	iDim Plus 1.2M Pole Assy		Consult
200967	iDim Plus 4K 1.2M Pole Assy		Consult
iDimension Plus Accessories			
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		Consult
iDimension Plus UPS Worldship Interface			
180771	Kit USB Hub for BenchPro Scale and UPS Worldship compatibility. Includes Interface cable for RS-232 & USB to PC		Consult
Optional Integration Solutions			
*	QubeVu Desktop App, Software Keyboard Wedge, Windows 10		N/C
*	Qubevu Developers Guide (API) and SDK files		N/C
175812	iDimension Software Suite, Windows 10		Consult
202026	Matrix Enterprise, network cloud based fleet and data management software		Consult/per device Consult/one-time
Optional Factory Service and Support			
202029	Factory software integration remote support		Consult/Hour
202027	Factory assembly, setup and configuration remote support		Consult/Unit
202028	Annual Software Maintenance		Consult/Unit
Extended Warranty – 2 year standard			
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
Rice Lake BenchPro Compatible Scales			
Postal Scale 12 x 14 inch Weight Platter			
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
Shipping Scale 12 x 14 inch Weight Platter			
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
Shipping Scale 18 x 18 inch Weight Platter			
202189	Model BP 1818-75S, 150 x 0.05 lb / 75 x 0.02 kg, Stainless Steel Weight Platter		Consult
202190	Model BP 1818-75S, 150 x 0.05 lb / 75 x 0.02 kg Painted Mild Steel 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, Roller Conveyor Weight Platter		Consult

**Available for free download at www.ricelake.com*
***USB HID interface not available when in the Postal Scale lb/oz mode*

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Part Numbers/Price

Part #	Description	Est. Weight	Price
Shipping Scale 20 x 20 inch Weight Platter			
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
Shipping Scale 24 x 24 inch Weight Platter			
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

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