

iDIMENSION® PLUS XL SPECIFICATIONS



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:

(3) USB type A port (scale, USB display, barcode scanner)
(1) 10/100/100BASE-T Ethernet port (interface to PC)

Software Integration:

API and SDK files available for network device integration

Package Contents:

iDimension 100XL sensor, mounting bracket, USB display, calibration object, DC power supply with 25 ft power US cord, 118" Micro b USB display and USB-A extension cable

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 XL is specifically designed for integration to provide flexibility in the installation of a dimensioning solution to fit into your existing work flow.

Install into your kiosk for a custom solution. Over a conveyor, workstation, scale or table using the optional Rice Lake stand assembly or other pole, ceiling mount or from a support beam.

Standard Features

- Easy to assembly 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 Touch Screen Monitor:
 - Displays dimensions, live overhead image, status and weight if scale is directly attached
 - Initial set-up 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 and add barcode text data into web service API.
- Rice Lake BenchPro Shipping and Postal Scales

Options

- Mounting bracket with 110-240 power supply overhead mount and 25 foot US power cord.
- USB display ram mount kit
- Floor mount stand assembly, 122 inches in height, with adjustability from 1.2M to 2.0M mounting height.

Approvals



NEW iDimension® Plus XL / OEM Series

Static Dimensioning System

Installed at 2M (79 inch) Pole Height.

Legal for Trade Measurement Range - Cubes

	Minimum		Maximum	
Length	8.0 in*	200 mm*	48 in*	1200 mm*
Width	8.0 in*	200 mm*	32 in*	700 mm*
Height	4.0 in*	100 mm*	32 in*	800 mm*
Division	0.5 in*	10 mm*	0.5 in*	10 mm*

Legal for Trade Measurement Range -Irregulars

	Minimum		Maximum	
Length	8.0 in*	200 mm*	48 in*	1200 mm*
Width	8.0 in*	200 mm*	32 in*	700 mm*
Height	4.0 in*	100 mm*	32 in*	800 mm*
Division	.01 in*	20 mm*	1.0 in*	20 mm*

* Approval pending

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*	5.0 mm*	0.2 in*	5.0 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



Shown with optional stand, conveyor not included

NEW iDimension® Plus XL / OEM Series

Static Dimensioning System

Part Numbers/Price

Part #	Description	Est. Weight
204601	iDimension Plus XL	–
204602	iDimension Plus XL 4K	
iDimension Plus XL Mounting Options		
174660	iDim XL floor stand with packaging	
198708	XL Mounting Hardware and Cable Assy Kit	
184262	iDimension USB operator display Ram mount kit	
iDimension Plus XL Accessories		
176307	Quick Scan, QD2131 barcode scanner with USB cable. Keyboard wedge emulation mode only (alpha/numeric)	
180007	Kit USB Hub, 5M cable assy, power adapter , 4 port industrial hub	
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	
Integration Solutions		
*	QubeVu Desktop App, Software Keyboard Wedge, Windows 10	
*	Qubevu Developers Guide (API) and SDK files	
175812	iDimension Software Suite, Windows 10	
202026	Matrix Enterprise, network cloud based fleet and data management software	
Optional Factory Service and Support		
202029	Factory software integration remote support	
202027	Factory assembly, setup and configuration remote support	
202028	Annual Software Maintenance	
Extended Warranty – 2 year standard		
202030	iDimension Plus additional 1 year extended warranty	
202031	iDimension Plus additional 2 year extended warranty	
202032	iDimension Plus additional 3 year extended warranty	
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	
194625 **	Model BP 1214-35P - 70 lb Postal Scale, Painted Mild Steel Weight Platter	
Shipping Scale 12 x 14 inch Weight Platter		
174879	Model BP 1214-75S, 150 x 0.05lb / 75 x 0.02kg, Stainless Steel Weight Platter	
184585	Model BP 1214-75S, 150 x 0.05lb / 75 x 0.02kg Painted Mild Steel Weight Platter	
Shipping Scale 18 x 18 inch Weight Platter		
202189	Model BP 1818-75S, 150 x 0.05lb / 75 x 0.02kg, Stainless Steel Weight Platter	
202190	Model BP 1818-75S, 150 x 0.05lb / 75 x 0.02kg, Roller Conveyor Weight Platter	
201730	Model BP 1818-75S, 150 x 0.05lb / 75 x 0.02kg Ball Top Weight Platter	
202191	Model BP 1818-75S, 150 x 0.05lb / 75 x 0.02kg Painted Mild Steel Weight Platter	
Shipping Scale 20 x 20 inch Weight Platter		
182395	Model BP 2020-150S, 300 x 0.1lb /150 x 0.05kg, Stainless Steel Weight Platter	
182396	Model BP 2020-150S, 300 x 0.1lb /150 x 0.05kg, Painted Mild Steel Weight Platter	
182398	Model BP 2020-150S, 300 x 0.1lb /150 x 0.05kg, Roller Conveyor Weight Platter	
Shipping Scale 24 x 24 inch Weight Platter		
182399	Model BP 2424-150S, 300 x 0.1lb /150 x 0.05kg, Stainless Steel Weight Platter	
182400	Model BP 2424-150S, 300 x 0.1lb /150 x 0.05kg, Painted Mild Steel Weight Platter	
182401	Model BP 2424-150S, 300 x 0.1lb /150 x 0.05kg, Ball Top Weight Platter	
182402	Model BP 2424-150S, 300 x 0.1lb /150 x 0.05kg, Roller Conveyor Weight Platter	

* 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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