

# iDIMENSION PLUS SPECIFICATIONS



## 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 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, image, status and weight if scale is directly attached
  - Initial set-up and configuration wizard
  - Access to operator controls and functions
- Dimensions parcels at 5 mm legal for trade accuracy
- Dimensions irregular, shaped packages, polybags and uneven shapes to 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

## Specifications

### Physical Dimensions:

Length: 63.5 cm  
Width: 36 cm  
Height: 162 cm  
Weight: 13 kg

### Power Requirements:

Single power source 240 V external power supply

### 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:

0° C to 40° C

### Humidity:

Non-condensing

### Warranty:

Two-year limited warranty

### Approvals:

NTEP  
CE  
FCC

## Installed at 1.5M Pole Height

### Measurement Range - Cubes

	Minimum	Maximum
Length	180 mm*	800/1200 mm*
Width	180 mm*	500/800 mm*
Height	50 mm*	700/100 mm*
Division	5 mm*	5 mm*

### Legal for Trade Measurement Range -Irregulars

	Minimum	Maximum
Length	180 mm*	800/1200 mm*
Width	180 mm*	500/800 mm*
Height	100 mm*	700/100 mm*
Division	10 mm*	10 mm*

\*Approval pending

## Installed at 1.2M Pole Height

### Measurement Range - Cubes

	Minimum	Maximum
Length	140 mm*	600/1000 mm*
Width	140 mm*	350/600 mm*
Height	50 mm*	600/200 mm*
Division	5 mm*	5 mm*

### Legal for Trade Measurement Range -Irregulars

	Minimum	Maximum
Length	140 mm*	600/1000 mm*
Width	140 mm*	350/600 mm*
Height	50 mm*	600/200 mm*
Division	10 mm*	10 mm*

\*Approval pending

## Part Numbers

Part #	Description
<b>iDimension Plus with 1.5M Pole Assembly</b>	
204596	iDim Plus 1.5M Pole Assy
204598	iDim Plus 4K 1.5M Pole Assy
<b>iDimension Plus with 1.2M Pole Assembly</b>	
204599	iDim Plus 1.2M Pole Assy
204600	iDim Plus 4K 1.2M Pole Assy
<b>iDimension Plus Accessories</b>	
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
<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
<b>Optional Integration Solutions</b>	
*	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
<b>Optional Factory Service and Support</b>	
202029	Factory software integration remote support
202027	Factory assembly, setup and configuration remote support
202028	Annual Software Maintenance
<b>Extended Warranty – 2 year standard</b>	
202030	iDimension Plus additional 1 year extended warranty
202031	iDimension Plus additional 2 year extended warranty
202032	iDimension Plus additional 3 year extended warranty
<b>Compatible Scales</b>	
Shipping Scale 450x450mm platform	
202190	BenchPro 1818-75S, 75 x 0.02 kg Painted Mild Steel Weight Platter
202191	BenchPro 1818-75S, 75 x 0.02 kg Roller Conveyor Weight Platter
Shipping Scale 500x500mm platform	
182396	BenchPro 2020-150S, 150 x 0.05 kg Painted Mild Steel Weight Platter
182398	BenchPro 2020-150S, 150 x 0.05 kg Roller Conveyor Weight Platter
Shipping Scale 600x600mm platform	
182400	BenchPro 2424-150S, 150 x 0.05 kg Painted Mild Steel Weight Platter
182402	BenchPro 2424-150S, 150 x 0.05 kg Roller Conveyor Weight Platter

\*Available for free download

\*\*USB HID interface not available when in the Postal Scale lb/oz mode