

NEW

# iDimension® Plus XL

Static Dimensioning System

DIMENSIONING



The iDimension Plus XL is specifically designed for integrators to provide flexibility in the installation of a dimensioning solution anywhere over a conveyor, table or scale from a pole, ceiling mount or support beam. An optional stand is available for ease of integration over a static roller conveyor at 60.2 inches (NTEP approved) or 79 inches above the platform.

## Standard Features

- Displays dimensions in 0.2 seconds
- Dimensions parcels at 0.2 in Legal for Trade accuracy
- Dimensions irregular shape packages, polybags and uneven shapes to 0.5 in Legal for Trade accuracy
- Dimensions flats, parcels, letters or items less than 2.4 in H when installed at 79 in above platform
- 7 in USB touch screen displays weight, dimensions and functions keys required for day-day use
- Automatic Operating and Manual modes
- Limited operator training required
- Captures overhead photo of every item, available in .bmp or .jpg format through XML API integration
- PC interface
  - Static IP or DHCP for use with standard web service API, TCP or HTTP interface or data extraction
  - RS-232 or USB for use with UPS Worldship®, Cubiscan 110/150 emulation and simple command response format
- 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. Optional BenchPro parcel and shipping scales are also available
- The iDimension Plus is not limited to the maximum and minimum Legal for Trade measurements-it is limited to the object fitting within the field of view of the overhead sensor. See Measuring Capabilities table for example.
- Mounting bracket with 110 – 240 V power supply mount and 25 foot US power cord provided

### Mounting and Installation Considerations:

The sensor must be installed level, free from vibration and positioned centrally over the measuring platform 1.5 m (60.2 in) height to perform to certified measurement range. Alternate mounting height of 2.0 m (79 in) is configurable.

## Specifications

### Power Requirements:

Single power source 110-240 V external power supply, 25ft US power cord

### Object Colors:

All opaque packaging

### Measurement Time:

0.2 seconds, scale settling times vary by manufacturer

### Operating Temperature:

0° C to 30° C (32° F to 86° F)

### Humidity:

Non-condensing

### Mechanical Environment Class:

M1

### Electromagnetic Class:

E1

### 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

### Warranty:

One-year limited warranty

### Approvals:

NTEP FCC



www.ricelake.com/global | Phone: +31 (0) 26 472 1319

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**NTEP Certified Measurement Ranges - Cube**

	Min (In)	Max (In)	Division (in)
Length	5.6	48	0.2
Width	5.6	28	0.2
Height	2.4	28	0.2

**NTEP Certified Measurement Ranges - Irregular**

	Min (In)	Max (In)	Division (in)
Length	6	48	0.5
Width	6	28	0.5
Height	6	28	0.5

**Measuring Capabilities @ 60.2in high**

Length	Width	Height
58	26	2
54	35	6
52	32	10
46	32	14
40	30	18
38	28	22
32	24	28
28	21	32

**Measuring Capabilities @ 79in high**

Length	Width	Height
76	57	4
72	54	8
68	51	12
64	48	16
60	45	20
56	42	24
52	39	28
48	36	32
44	33	36
36	27	44
30	22	50

**Part Numbers/Price**

Part #	Description	Capacity	Dimensions	Est. Weight	Price
<b>198587</b>	iDimension Plus XL	–	–	–	Consult
<b>Floor Stand Options/Accessories</b>					
<b>174660</b>	Single sensor iDimension XL floor mount stand with packaging, ships only LTL	–	–	–	Consult
<b>185107</b>	Single sensor iDimension XL floor mount stand, no packaging for on purchasing two or more systems	–	–	–	Consult
<b>182195</b>	Dual sensor iDimension XL floor mount stand, with packaging, ships only LTL	–	–	–	Consult
<b>182265</b>	iDimension stand packaging only	–	–	–	Consult
<b>184262</b>	iDimension XL USB display RAM mount kit for use with stand	–	–	–	Consult
<b>iDimension 100XL Plus Options/Accessories</b>					
<b>194625</b>	BP-P postal scale with painted mild steel weight platter & RS-232/USB cable	0-7 lb x 0.05 oz/7-70 lb x 0.2 oz	12 x 14 in		Consult
<b>184585</b>	BP-S USB shipping scale with painted mild steel weight platter	150 x 0.05 lb (75 x 0.02 kg)	12 x 14 in	17 lb	Consult
<b>182994</b>	BP-S USB shipping scale with painted mild steel weight platter	150 x 0.05 lb (75 x 0.02 kg)	12 x 16 in	31 lb	Consult
<b>182379</b>	BP-S USB shipping scale with painted mild steel weight platter	150 x 0.05 lb (75 x 0.02 kg)	18 x 18 in	63 lb	Consult
<b>182383</b>	BP-S USB shipping scale with painted mild steel weight platter	300 x 0.1 lb (150 x 0.05 kg)	18 x 18 in	63 lb	Consult
<b>182396</b>	BP-S USB shipping scale with painted mild steel weight platter	300 x 0.1 lb (150 x 0.05 kg)	20 x 20 in	76 lb	Consult
<b>182400</b>	BP-S USB shipping scale with painted mild steel weight platter	300 x 0.1 lb (150 x 0.05 kg)	24 x 24 in	131 lb	Consult
<b>176307</b>	QuickScan QD2131 barcode scanner with USB cable	–	–	4 lb	Consult
<b>198590</b>	Cable assy USB, USB 2.0 Type A male to type A female 3 meters	–	–	–	Consult
<b>180771</b>	Kit, USB Hub for use with BenchPro scale and UPS WorldShip compatibility	–	–	–	Consult
<b>180007</b>	Kit, USB Hub for use with barcode scanner and scale	–	–	–	Consult
<b>179081</b>	Kit, Cable Assy. PC Interface, RS-232	–	–	–	Consult
<b>179083</b>	Kit, Cable Assy. PC Interface, USB	–	–	–	Consult