NEW
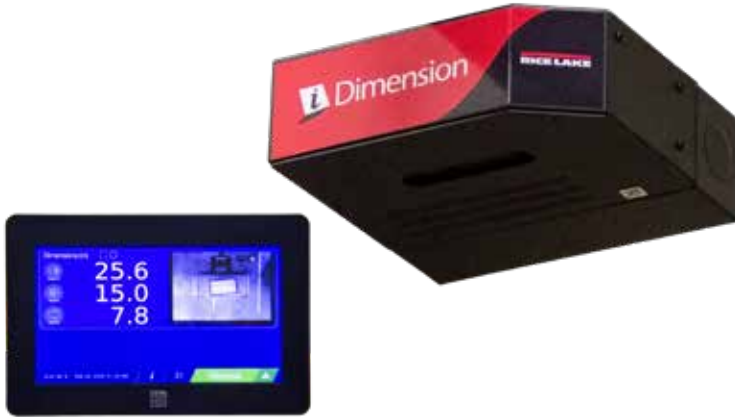# iDimension® Plus XL
Static Dimensioning System

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 60.2 in (1.5 m) height to perform to certified measurement range. Alternate mounting height of 79 in (2.0 m) is configurable.

Approvals

NTEP

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:
32° F to 86° F (0° C to 30° C)

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

Shown with optional stand, conveyor not included

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 @ 60.2 in 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 @ 79 in 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
198587	iDimension Plus XL	–	–	–	Consult
Floor Stand Options/Accessories					
174660	Single sensor iDimension XL floor mount stand with packaging, ships only LTL	–	–	–	Consult
185107	Single sensor iDimension XL floor mount stand, no packaging for on purchasing two or more systems	–	–	–	Consult
182195	Dual sensor iDimension XL floor mount stand, with packaging, ships only LTL	–	–	–	Consult
182265	iDimension stand packaging only	–	–	–	Consult
184262	iDimension XL USB display RAM mount kit for use with stand	–	–	–	Consult
iDimension 100XL Plus Options/Accessories					
194625	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
184585	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
182994	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
182379	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
182383	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
182396	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
182400	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
176307	QuickScan QD2131 barcode scanner with USB cable	–	–	4 lb	Consult
198590	Cable assy USB, USB 2.0 Type A male to type A female 3 meters	–	–	–	Consult
180007	Kit, USB Hub for use with barcode scanner and scale	–	–	–	Consult
180771	Kit, USB Hub for use with BenchPro scale and UPS WorldShip compatibility	–	–	–	Consult
179081	Kit, Cable Assy. PC Interface, RS-232				Consult
179083	Kit, Cable Assy. PC Interface, USB				Consult

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