3D IMAGING AND DIMENSIONING SYSTEM

iDimension® 100XL

The iDimension 100 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. The mounting bracket protects cable connections and mounts the in-line power supply to the back of the unit.

Standard Features

- Dimensions parcels in less than 2/10ths of a second
- Includes USB operator display with 54 in cord and 1.5 in pole mount bracket for use in:
    - Displaying dimensions, status and weight if scale is directly attached
    - Operator configuration and zero height feature
- Low resolution overhead image available in .jpg or .bmp format, used for verification, tracking and claim protection
- Requires virtually no special alignment or special handling while placing an object under the work area
- Converts irregular shapes like cylinders, spheres, tubes, polybags and uneven shapes to 0.5 in NTEP Certified cubed dimensions
- Dimensions flats, less than 1.2 in height when connecting a compatible shipping scale
- Automatic or manual operator modes:
    - Automatic operating mode is the standard out of the box configuration which allows you to move the parcel under the work area without the press of a button
    - Manual operating mode is for use with custom or 3rd party software interface that can be triggered by an attached bar code scanner, software function or demo display when interfaced to a PC
- Interfaces with most NTEP Certified shipping scales and Rice Lake BenchPro™ Series
- No installation of software required on your PC. When connected to a network, the embedded firmware provides access to additional displays and configuration parameters
- Connect to a PC and communicate directly over the network via static IP or DCHP. Use our open web service interface to take advantage of additional built in features like; a low resolution image of each dimension, weight and more
- Contact the factory for an up-to-date listing of 3rd party shipping and inventory management systems compatible with the iDimension Series
- UPS Worldship® ready – Simply connect the iDimension Series to a USB Hub. Connect your compatible scale and cable assemblies from the USB hub to the PC's RS-232 or USB port, cables purchased separately.

Specifications

Physical Dimensions:
Length: 8.9 in (22.6 cm)
Width: 3.7 in (9.4 cm)
Depth: 9.9 in (25 cm)

Mounting and Installation Considerations:
The sensor must be installed level, free from vibration and positioned centrally over the measuring platform 79 in (2 m) height to perform to certified measurement range. Alternate mounting height of 60.2 in (1.5 m) is configurable.

Power Requirements:
Single power source 110-240 V external in-line power supply with 7 ft US power cord

Object Colors:
All opaque packaging; some variances may occur with glossy surfaces or shrink wrap

Operator Display:
7 in USB touchscreen display with 54 in cable

Measurement Surfaces:
Level tables, scales, roller balls and roller conveyors. The background should have a contrasting color for items to be dimensioned. Avoid polished or glossy surfaces like stainless steel weight platters for best performance

Operating Temperature:
41° F to 104° F (5° C to 40° C)

Humidity:
Non-condensing

Mechanical Environment Class:
M1

Electromagnetic Class:
E1

I/O Ports:
(2) USB type A port
(1) 10/100/100BASE-T Ethernet port
(interface to PC/Network)

Package Contents:
iDimension 100XL sensor, mounting bracket, USB display, power supply, tools, calibration object and cables

Warranty:
One-year limited warranty

Approvals:
NTEP
CE
FCC
MID
OIML

iDimension 100XL shown with optional single arm stand

iDimension® 100XL

NTEP Certified Measurement Ranges - Cube

	Min (In)	Max (In)	Division (in)
Length	7	48	0.2
Width	7	32	0.2
Height	2.4	32	0.2

OIML/MID Certified Measurement Range - Cube

	Min (CM)	Max (CM)	Division (CM)
Length	18	120	0.5
Width	18	80	0.5
Height	5	80	0.5

NTEP Certified Measurement Ranges - Irregular

	Min (In)	Max (In)	Division (in)
Length	7	48	0.5
Width	7	32	0.5
Height	6	32	0.5

Note: Minimum and maximum NTEP Certified capabilities do not reflect non-NTEP Certified performance specifications. Contact factory for more assistance.

Part Numbers/Price

Part #	Description	Est. Weight	Price
174683	iDimension 100 XL	18 lb	$7,195.00
181154	iDimension system (UPS Worldship Compatible), includes scale & USB hub kit		$8,425.00
Options/Accessories			
184585	BP 1214-75S 150 x 0.05 lb USB shipping scale with mild steel shroud	–	$645.00
180771	Kit, USB Hub*	–	$385.00
174660	iDimension stand with packaging	–	$695.00
184262	iDimension 100XL USB mounting bracket for 174660	–	$145.00
185107	iDimension stand (no packaging)	–	$595.00
182195	iDimension stand, dual arms	–	$745.00
182265	iDimension stand packaging	–	$100.00
176307	QuickScan QD2131 bar code scanner with USB cable	4 lb	$258.00
175508	RAM Mount VESA Base with 1.5 in ball, 2 req	–	$30.00
175509	RAM Mount Arm, double socket, 5.6 in L	–	$35.00

*USB hub kit and scale required for UPS WorldShip Compatibility

DIMENSIONING / MAILING / PARCEL SCALES

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