



The iDimension 300 is designed to be securely installed to a concrete floor and positioned over a workstation or roller/conveyor system in warehouse and manufacturing environments. The iDimension 300 requires interface to a PC via Ethernet connection or network. The embedded firmware is accessed through an Internet browser providing access to the operator displays, setup and calibration.

### Standard Features

- Dimensions parcels in less than 2/10<sup>th</sup>s of second at 0.2 in NTEP Certified accuracy
- 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, with the use of a scale connected directly to the iDimension
- Automatic or manual operating modes
  - Automatic operating mode 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 3<sup>rd</sup> party software that can be triggered by a bar code scanner or software function key
- Interfaces with most NTEP Certified shipping scales and Rice Lake Bench Pro Series
- High resolution camera:
  - Converts 1d bar codes into a text format and make it available through the iDimension API status within a defined work area directly under the scanner head
  - Provides an image to be used for use with 3<sup>rd</sup> party OCR software
  - Connects to a PC and communicate directly over the network via static IP or DHCP. Use our open web service interface to take advantage of additional built in features like; a low resolution image of each dimension performed, weight and more
- Contact the factory for an up-to-date listing of 3<sup>rd</sup> party shipping and inventory management systems compatible with the iDimension Series

### Specifications

#### Power Requirements:

Single power source 110-240V power cord cable with three conductor PC, power connector socket

#### Object Colors:

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

#### Measurement Surfaces:

Level tables, scales, roller balls and roller conveyors. The background should have a contrasting color for items to be dimensioned. Avoid over-polished or glossy surfaces like stainless steel weight platters and flat black paint 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:

- (3) USB type A ports
- (1) 10/100/100BASE-T Ethernet port

#### Bar Codes Supported:

EAN13, UPC A and 2/5 digit extensions, Code 128 and UCC/EAN-128 encoding, Code 39, Code 93, EAN 8, UPC – E, UPC 2/5 digit extensions, Interleaved 2 of 5, Codabar, Patch Codes, PDF 417, Datamatrix and QR Code

#### Packaging Contents

- 165602 - iDimension 300 head assembly with mounting bolts and calibration object
- 174660 - Adjustable floor stand and hardware kit

#### Warranty:

One-year limited warranty

#### Approvals:

NTEP  
CE  
FCC



iDimension 300 shown with optional single arm stand

**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
<b>165602</b>	iDimension 300	20 lb	\$16,695.00
<b>Options/Accessories</b>			
<b>184585</b>	BP 1214-75S 150 x 0.05 lb USB shipping scale with mild steel shroud	–	\$645.00
<b>180771</b>	Kit, USB Hub*	–	\$385.00
<b>174660</b>	iDimension stand with packaging	–	\$695.00
<b>185107</b>	iDimension stand (no packaging)	–	\$595.00
<b>182195</b>	iDimension stand, dual arms	–	\$745.00
<b>182265</b>	iDimension stand packaging	–	\$100.00
<b>176307</b>	QuickScan QD2131 bar code scanner with USB cable	4 lb	\$258.00

\*USB hub kit and scale required for UPS WorldShip Compatibility