

iDimension™ 200

3D Imaging and Dimensioning System

The iDimension 200 is designed for use on tabletops or workstations in retail, office and shipping environments. The iDimension 200 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 2/10th 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 3rd party software that can be triggered by a bar code scanner or software function key
- Interfaces with most NTEP Certified shipping scales and select Rice Lake indicators
- Enable the high resolution camera to:
 - Convert 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
 - Provide an image to be used for use with 3rd party OCR software
- Connect 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
- Quick assembly: Includes all necessary tools and components for calibration
- Contact the factory for an up-to-date listing of 3rd party shipping and inventory management systems compatible with the iDimension

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

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. SHIP WEIGHT	PRICE
165600	iDimension 200	47 lb	Consult



Specifications

Physical Dimensions 200 Series:

Length: 25.5 in (65 cm)
Width: 14 in (36 cm)
Height: 67 in (170 cm)
Weight: 28 lb (13 kg)

Power Requirements 200 Series:

Single power source 110-240V external power supply

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

Package Contents:

iDimension 200 assembly tools and calibration object

Warranty:

One-year limited warranty

Approvals:

NTEP
CE
FCC