

 **Dimension™**
3D Imaging System



200 Series



300 Series

RICE LAKE®
WEIGHING SYSTEMS

To be the best by every measure®

800-472-6703

www.ricelake.com



Dimension™

3D Imaging System



Industry Leading

0.2

SECOND DIMENSIONING

Installation and System Integration

With no moving parts to service or maintain, iDimension is reliable and extremely easy to use, with a fast and straightforward installation.

iDimension can be seamlessly integrated into existing work areas without changing the process flow or existing floor plan. Install iDimension over existing conveyors and workstations to streamline operations and eliminate extra steps.

Smooth Setup

Setup is quickly completed with an embedded program via an Ethernet connection. Simply connect iDimension as a device to your existing network, calibrate in mere minutes with the included, easy-to-use calibration tool and iDimension is ready for use. iDimension's web service is accessed with a DHCP IP address. Its free API allows users to interface using a simple HTTP request and XML parsing method. With the API, customized functions are easily coded and integrated.

Item Variety

Only iDimension instantly captures and calculates the dimensions of packages, flats, polybags, tubes and irregular shapes with ease, accuracy and incredible speed.

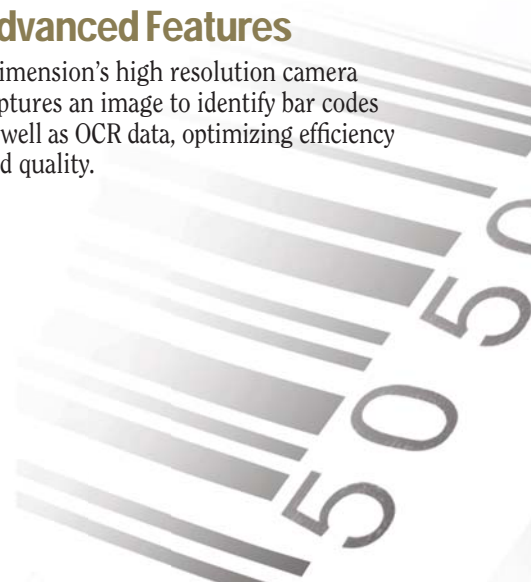


Operating Versatility

Manual operating mode uses a trigger, such as a bar code scan to initiate the dimensioning process, while automatic operating mode instantly scans when a parcel is placed in the zone of interest, improving process time and efficiency.

Advanced Features

iDimension's high resolution camera captures an image to identify bar codes as well as OCR data, optimizing efficiency and quality.





Experience the future of dimensioning with higher performance and superior speed

From small businesses and mail counters to large operations and warehouses, iDimension can be used in a variety of applications to ensure freight compliance and deter revenue-loss from miscalculated dimensions.



Innovative Technology

iDimension's multiple patented, innovative sensing technology and 3D imaging work together to optimize time and throughput.

Speed and Accuracy

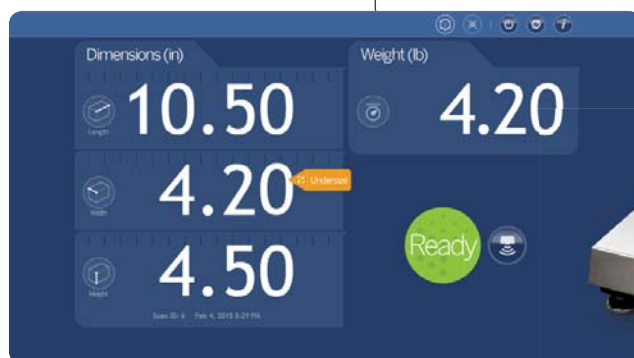
Parcels are dimensioned more accurately and faster than manual measurements. In an industry leading 0.2 seconds, dimensions are calculated within 0.2 inches of accuracy.

After-Sale Support

iDimension is an American-made product supported by a worldwide network of service providers and is currently pending Legal for Trade approval.

User Interface

The standard operator interface provides functionality from any PC or tablet connected to the network. iDimension provides L x W x H and an image of the scanned item. Integrating an existing scale with iDimension attaches weight to the displayed data.





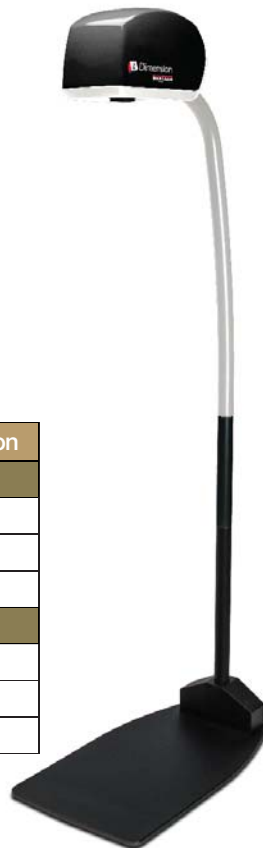
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iDimension 300 NTEP Measurement Ranges

Measurement	Min. (in)	Max. (in)	Division
Cube			
Length	7	48	0.2
Width	7	32	0.2
Height	2.4	32	0.2
Irregular			
Length	7	48	0.5
Width	7	32	0.5
Height	6	32	0.5



iDimension 200 NTEP Measurement Ranges

Measurement	Min. (in)	Max. (in)	Division
Cube			
Length	5.6	48	0.2
Width	5.6	28	0.2
Height	2.4	28	0.2
Irregular			
Length	6	48	0.5
Width	6	28	0.5
Height	6	28	0.5

Note: For Non-Legal for Trade applications, the minimum size object is 4.7 x 3.4 x 0.5in.

Standard Features

- Calculates dimensions in 0.2 seconds
- Instantly captures dimensions, weight, bar codes, OCR text and image of static items
- Dimensions packages (NTEP), flats and irregular objects
- Converts irregular objects like cylinders, spheres, tubes, polybags and irregular objects to accurate cubed dimensions
- No moving parts
- Requires virtually no alignment or special handling while placing the object under the work area
- Automatic or Manual operating modes
 - Manual Mode: Initiate dimension of item via bar code scan or software function key
 - Automatic Mode: Initiate dimension via detection of object in work area
- Interfaces with most shipping scales and Rice Lake's 420 indicator
- Quick assembly: Includes necessary tools, iDimension 200 only
- Easy to set up and calibrate: Includes calibration object and embedded web service interface via a fixed IP or DHCP
- 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, QRCode

Specifications

POWER

- Power Requirements:**
- (200 Series)** Single power source 110-240V external power supply
 - (300 Series)** Single power source 110-240 V power cord cable with 3 conductor PC, power connector socket

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

Warranty: One-year limited warranty

Please refer to ricelake.com for the latest specifications.

Approvals



NTEP COC#
15-023P

Your Rice Lake Weighing Systems distributor is:

RICE LAKE
WEIGHING SYSTEMS
To be the best by every measure®

230 W. Coleman St. • Rice Lake, WI 54868 • USA
TEL: 715-234-9171 • FAX: 715-234-6967 • www.ricelake.com

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