

iDimension 100 is the future of dimensioning. Designed as an economical solution for low- and high-volume shipping applications, iDimension 100 dimensions packages, flats and irregular shapes in sub-second speeds. iDimension 100 is equipped with the same durable dimensioning functionality and operating versatility as the iDimension Series, yet streamlined with an industry-leading compact footprint.



Manufacture: Rice Lake

SKU: **170654**

Dimensions

X: 25.50 Y: 14.00 Z:
67.00

Weight: 28.00 lb

**Please Call
(800)832-0055**

Features

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Like its predecessors, iDimension 100 includes the same DHCP IP address web service and free API for users to interface with the system using a simple HTTP request and XML parsing method. Ideal for industrial and countertop settings, iDimension 100 can be used in retail workstations, offices, shipping and manufacturing environment.

Standard Features

- Dimensions parcels in less than 2/10th of a second at 0.2 in NTEP Certified accuracy
- Includes USB operator display (no PC interface required) for:
- Manual entry of dimensions into 3rd party software
- Setup and configuration wizard
- Displays dimensions, status and weight if scale is directly attached
- 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 or flat detection trigger located on the iDimension 100's base plate
- 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 a bar code scanner, software function or demo display when interfaced to a PC
- Interfaces with most NTEP Certified shipping scales and select Rice Lake indicators
- Quick assembly: Includes all necessary tools and components for a complete out-of-the-box solution and immediate use with minimal operator training
- No additional 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 DHCP. 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.

• **Specifications**

- Calculates dimensions in less than 0.2 seconds
- Instantly captures dimensions and weight data as well as an image of static items
- Dimensions packages (NTEP/OIML), flats and irregular shapes with ease
- Converts irregular objects like cylinders, spheres, tubes, polybags and uneven objects into accurate, cubed dimensions
- Industrial-grade construction with no moving parts
- No dangerous lasers are used for workplace safety
- Requires virtually no special placement or handling while setting the object under the work area
- Automatic or Manual operating modes
- Manual Mode: Initiate dimensioning of an item via barcode scan or software function key
- Automatic Mode: Initiate dimensioning of an item via detection in work area
- Interfaces with most shipping scales and select Rice Lake indicators
- Designed for complete peripheral setup with included USB port for monitor interface and additional USB port for interfacing to a single scale, mouse, keyboard or USB hub to connect multiple devices
- Quick assembly with necessary tools included
- DHCP IP address web service and free API to interface with the system using a simple HTTP request and XML parsing method
- Easy to set up and calibrate with the included calibration object and embedded web service interface via a fixed IP or DHCP

Specifications

Series	iDimension 100	iDimension 200	iDimension 300	
			Head Unit	Head Unit & Stand
Physical Dimension		Length: 25"	Length: 25.5"	
		Width: 22"	Width: 14"	
		Height: 63.8"	Height: 67"	-
		Weight: 28.5lbs	Weight: 28lbs	-

Power Requirements	Single power source 110-240V external power supply	Single power source 110-240V external power supply	Single power source 110-240V power cord and cable with 3 conductor PC, power connector socket
Operating Temperature	41°F to 104°F (5°C to 40°C)	41°F to 104°F (5°C to 40°C)	41°F to 104°F (5°C to 40°C)
Humidity	Non-condensing	Non-condensing	Non-condensing
Mechanical Environment Class	M1	M1	M1
I/O ports	(USB type A port (interface to scale) 10/100/100BASE-T Ethernet port (interface to PC)	(3)USB type A ports (1)10/100/100BASE-T Ethernet port	(3)USB type A ports (1)10/100/100BASE-T Ethernet port
Electromagnetic Class	E1	E1	E1
Bar Codes Supported	-	EAN13 UPCA & 2/5 digit extensions Code 128 and UCC/EAN-128 encoding Code 39 Code 93 EAN 8 UPC-3 UPC 2/5 digit extensions Interleaved 2 of 5 Codabar Patch Codes PDF 417 Datamatrix QR Code	EAN13 UPCA & 2/5 digit extensions Code 128 and UCC/EAN-128 encoding Code 39 Code 93 EAN 8 UPC-3 UPC 2/5 digit extensions Interleaved 2 of 5 Codabar Patch Codes PDF 417 Datamatrix QR Code 15602 - iDimension 300 head assembly with mounting bolts & calibration object 166111 - Stand Adjustable floor mounted stand and hardware
Package Contents	iDimension 100 assembly tools, calibration object, USB display and US power cord	iDimension 200 assembly tools and calibration object	
Warranty	One-year limited warranty	One-year limited warranty	One-year limited warranty
Approval	NTEP, CE, FCC, OIML - pending	NTEP CC 15-023P	NTEP CC 15-023P

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