

Dimension[®] PWD

PALLET DIMENSIONER AND SCALE SYSTEM



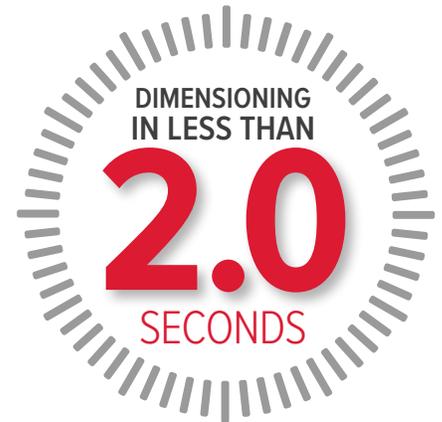
RICE LAKE[®]
WEIGHING SYSTEMS

800-472-6703

www.ricelake.com

Dimensions Pallets in Less than 2 Seconds

The iDimension® PWD dimensioner and scale system provides shippers with the dimensions and weight of palletized shipments, empowering users to identify the correct freight class and reduce the risk of non-compliance fees from carriers. Eliminate invoice corrections with accurate weight, dimensions and dim weight calculations to receive a measurable, nearly instantaneous return on investment with the iDimension PWD.



EASY NETWORK INTEGRATION

The iDimension PWD is designed to easily transfer dimensions, weight and images to a network, using the included REST API command set. Built with a web server interface, iDimension PWD offers simple integration using configurable capture definitions through HTTP requests, status checking and XML parsing.



THE STANDARD PWD SYSTEM INCLUDES:

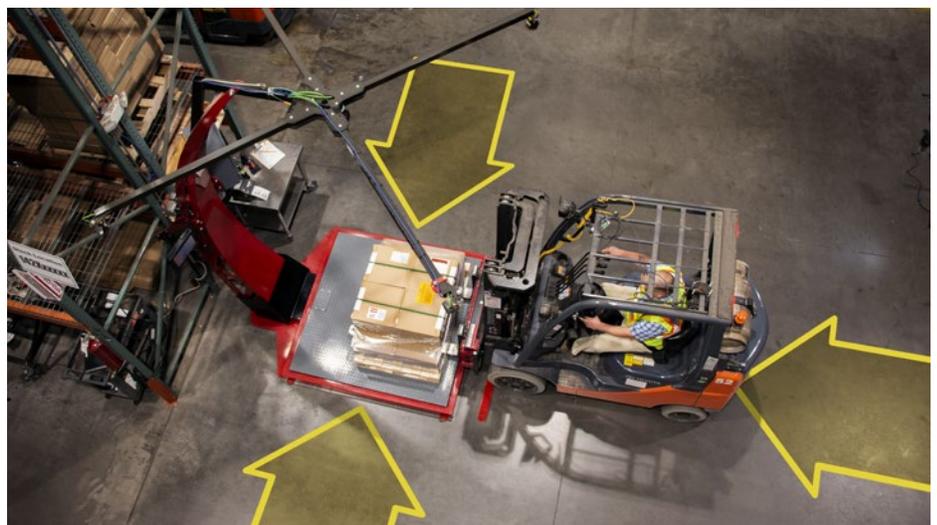
- 5 ft x 5 ft (1.52 m x 1.52 m), 5,000 lb (2,500 kg) capacity floor scale with built-in forklift bumper guards
- Weight indicator
- Operator touchscreen display
- Floor-mounted dimensioning system

THE STANDARD PWD KIOSK INCLUDES:

- Rugged Fanless PC for Industrial environments
- Rice Lake industrial scale indicator
- On/off switch, external USB connection for barcode scanner and RJ45 service port
- Network connectivity is hardwired inside kiosk for permanent connection

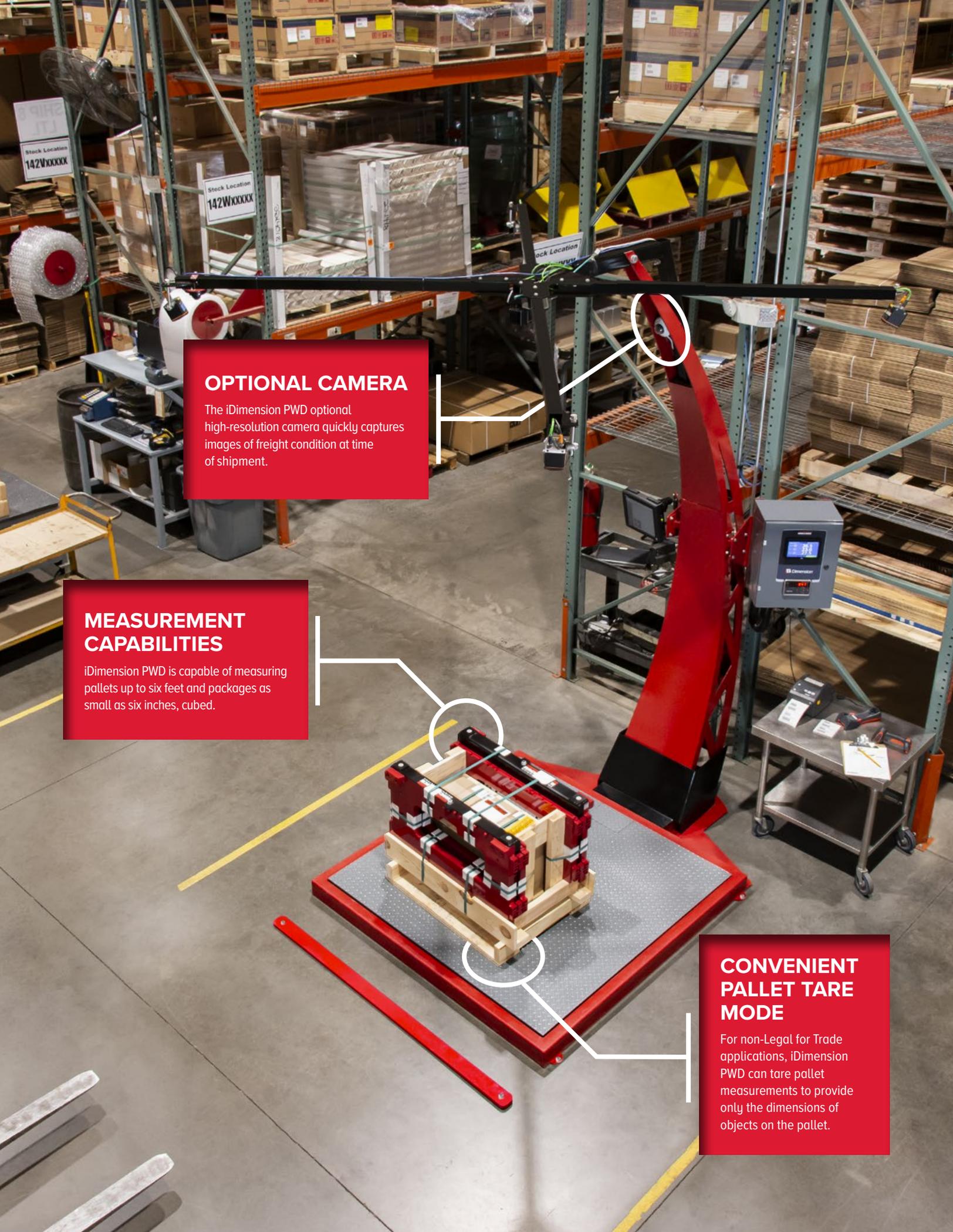
STRAIGHT FORWARD OPERATION

The iDimension PWD can be loaded with a forklift from the side or front with a pallet jack with optional access ramps. Simply place the pallet on the floor scale and use the touch screen display, optional bar code scanner or web browser to trigger the PWD to capture dimensions. In less than two seconds, the iDimension PWD measures and provides dimensions, weight, and takes a digital picture the item with the optional high-resolution camera.



SAME DAY INSTALLATION AND OPERATION.

In less than a day, the iDimension PWD can be unboxed, set up and put to work.



OPTIONAL CAMERA

The iDimension PWD optional high-resolution camera quickly captures images of freight condition at time of shipment.

MEASUREMENT CAPABILITIES

iDimension PWD is capable of measuring pallets up to six feet and packages as small as six inches, cubed.

CONVENIENT PALLET TARE MODE

For non-Legal for Trade applications, iDimension PWD can tare pallet measurements to provide only the dimensions of objects on the pallet.

Dimension® PWD

PALLET DIMENSIONER AND SCALE SYSTEM

STANDARD FEATURES

- **EASY TO USE:** Place pallets on the scale and trigger the iDimension PWD to scan dimensions and display results
- **INDUSTRY BEST SPEED AND PERFORMANCE:** In less than 2 seconds, the iDimension PWD provides dimensions, weight and an optional image of each transaction with rugged 3D cameras and algorithms powered by QubeVu Manager
- **PWD STANDARD SYSTEM:** The standard PWD system includes: 5 ft x 5 ft (1.52 m x 1.52 m), 5,000 lb (2,500 kg) capacity floor scale with built-in forklift bumper guards, Rice Lake industrial weight indicator, USB-connected touchscreen display and overhead sensors

OPTIONS

- **CAMERA:** Capture an image of each pallet to provide proof of condition to simplify the freight damage claim process. Produces a 2.4 mm color .jpeg image at 2688 x 1606 pixels.
- **WIRED OR WIRELESS BARCODE SCANNER:** Trigger the iDimension PWD to dimension and include barcode text data into web service API
- **ACCESS RAMPS:** One or Two side-mounted access ramps provide maneuverable approaches for use with pallet jacks
- **OVERHEAD 5TH SENSOR:** Increases performance when dimensioning highly reflective and IR sensitive pallet shrink wrap material and small protrusion located on top of freight pallets
- **SOFTWARE PROGRAMS:** Use iDimension Desktop Wedge, a no charge download from www.ricelake.com, to seamlessly transfer weight and dimensions to a connected PC. iDimension Software Suite is a full-scale integration program, capable of running multiple Rice Lake dimensioners to transfer all barcode, weight, dimensions and photo images to a network server, ERP, TMS or WMS application.
- **EXTENDED WARRANTY:** 1, 2 and 3 year extended warranties are available



SPECIFICATIONS

LEGAL FOR TRADE MEASUREMENT RANGE:	Maximum freight size: (L x W x H) 72 in x 72 in x 72 in (182 cm x 182 cm x 182 cm) Minimum freight size: (L x W x H) 6 in x 6 in x 6 in (15 cm x 15 cm x 15 cm)
MEASUREMENT INCREMENT:	0.5 in (1 cm)
ITEM PLACEMENT:	Single object within the center of the floor scale for best performance
MINIMUM PALLET HEIGHT:	4.25 in (10.80 cm) wood pallets
SHAPES:	Solid shapes, (3-inch [7.62 cm] protrusions or more) will be included in dimensions
LIGHTING CONDITIONS:	Operates in any indoor lighting environment
SYSTEM CONTENTS:	iDimension PWD Calibration object, 12 in x 12 in x 12 in test box (30.5 cm x 30.5 cm x 30.5 cm)
SYSTEM SPEED:	Less than 2 seconds from when the PWD is triggered to scan
MINIMUM CEILING HEIGHT:	11 ft (3.35 m)
SENSOR HEIGHT:	10 ft (3.05 m)
POWER REQUIREMENTS:	Single power source (96-264 VAC), a 25 ft (7.62 m) power cable is included
OPTIONAL NETWORK CAMERA:	2.4 mm POE network color camera with 3-axis camera angle adjustment IP24 rating
OPERATING TEMPERATURE:	14°F to 104°F (-10°C to 40°C)
HUMIDITY:	0-90% non-condensing
WARRANTY:	Two-year limited Five-year limited, sensors only

APPROVALS:



NTEP Certified
COC# 19-076

SALES AND TECHNICAL ASSISTANCE

RISE LAKE
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