



iDIMENSION® PWD PALLET WEIGHING & DIMENSIONING SYSTEM

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. Ensure invoiced freight charges are accurate at the time of shipment and receive a measurable, nearly instantaneous return on investment with the iDimension PWD.

Features & Benefits

- Straightforward operation, load product with a forklift or load through the side a pallet jack and optional access ramps. Simply place the pallet on the floor scale and use the USB connected display, optional bar code scanner or web browser to trigger the PWD to capture dimensions.
- Lightning Speed, captures dimensions and weight in less than two seconds. Can also take pictures with the optional high-resolution camera.
- Easy Installation, Minimal set-up and training required means you can have this up and operating in a day.
- Versatile, capable of measuring pallets up to 1.8m and packages as small as 150mm, cubed.
- Convenient pallet tare mode, for non-legal for trade applications, the iDimension PWD can tare pallet measurements to provide only the dimensions of objects on the pallet.
- Network integration, designed to easily transfer dimensions, weight and images to a network, simplifying claims processes. The optional high resolution camera quickly captures images of freight condition at time of shipment.



Common Uses

- Freight & Logistics
- Warehousing & Distribution
- Product Manufacturing

Options

- High Resolution Camera, Capture an image of each piece of freight to provide proof of condition to simplify the freight damage claim process. Produces a 2.4 mm color image at 2688 x 1606 pixels
- Wired or Wireless Barcode Scanner, Keyboard wedge emulation will manually trigger the iDimension PWD to dimension and add barcode text data into web service API
- Access Ramp, One or two side-mounted ramps provide access for 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, QubeVu Desktop for use as a software keyboard wedge, transferring weight and dimensions to connected terminal. iDimension Software Suite for storing data and images transferring data to ERP and WMS systems.
- Software Maintenance and Support, Annual software maintenance, extended warranty and 24/7 factory technical support available



iDIMENSION® LTL PALLET DIMENSIONING SYSTEM

Specifications

Measurement Range: Maximum freight size: 182cm x 182cm x 182cm
Minimum freight size: 15cm x 15cm x 15cm

Measurement Capabilities: 120cm x 105cm x 210cm

Measurement Increment: 12.7cm / 0.5"

Performance Characteristics: Most surfaces are captured, including black plastic shrink wrap. Transparent / translucent and glossy surfaces may provide a variance.

Item Placement: Single pallet centered on the floor scale for best performance

Minimum Pallet Height: 100mm wood pallets

Shapes: Solid shapes (80mm protrusions or more) will be included in dimensions

Lighting Conditions: Operates in any indoor lighting environment

System Contents: iDimension PWD, Calibration object, 300mm in test box

Network Interface: One static IP address required when used with a mobile PC. Up to 11 IP addresses reserved when connected directly to the network.

Power Requirements: Single power source with 7.62m power cable

Optional Network Camera: 2.4 mm POE network color camera with 3-axis camera angle adjustment. IP24 rating. Standard 2688 x 1606 pixels, 96 dpi @ 751kb standard output in .jpeg format. Configurable for time and date, scan ID, system serial #, dimensions and dimensional indicators.

Operating Temperature: -10°C to 40°C

Humidity: 0-90% non-condensing

Warranty: Two year limited warranty, Five year limited warranty (sensors only)

Approvals: NTEP