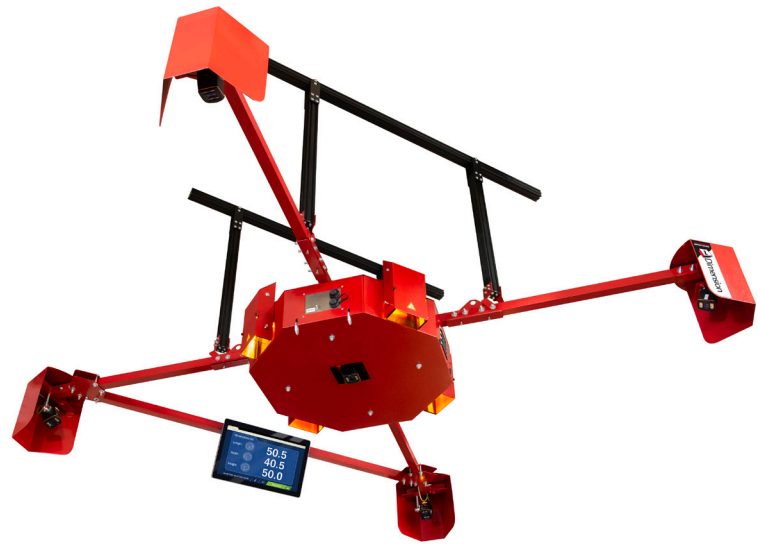


# iDIMENSION® LTL PALLET DIMENSIONING SYSTEM

The iDimension LTL uses advanced sensing technology to determine the cubic dimensions of freight, ensuring that freight code compliance is recorded and declared. Ideal for LTL carriers and companies with a high percentage of product shipped via pallet or crate, the iDimension LTL removes the potential for human error when taking measurements. The extra labor of manually determining dimensions is eliminated, as the iDimension LTL accurately captures freight dimensions in less than two seconds.

## Features & Benefits

- 360-degree access for easy pallet placement in the center of target zone. An LED light kit is also available to reflect a light grid on the floor - eliminating the need to paint, etch or tape the dimensioning zone and quickly assists forklift drivers.
- Rugged Design, with no moving parts and a solid-state design, the iDimension LTL can easily integrate into a typical LTL environment. It's rugged computer and industrial electrical components can withstand both the hot and cold extremes of shipping docks. Sensors and cameras are protected from accidental freight impact.
- Real-time assessment, up to two high resolution cameras perform freight identification, damage assessment and tracking.
- Operator display, provides instantaneous feedback to the forklift or pallet jack operator, communicating dimensions and system status.
- Lightning Speed, the iDimension LTL harnesses the fastest processing in the industry. It's advanced imaging technology dimensions LTL freight at a rate of 1-2 seconds with 0.5-inch Legal for Trade Accuracy.
- Easy Installation, Minimal set-up and training required means you can have this up and operating in a day.
- Network Integration, easily transfer images and dimensions to your network.
- Legal for Trade measurement range for maximum freight size at 2.4m x 2.4m x 2.4m and minimum freight size at 300mm x 300mm x 300mm with 12.7mm accuracy



## Options

- Up to two high-resolution cameras enable freight identification, damage assessment and tracking
- LED lighting kit reflects a light grid on the floor, eliminating the need to paint, etch or tape the dimensioning zone
- 23-inch forklift operator display provides instantaneous feedback to the forklift or pallet jack operator, communicating dimensions and system status
- iDimension software suite provides a customizable GUI and triggering methods, storage, logging and transfer of shipment and dimensional data and ftp images to existing ERP, TMS and WMA without the use of the iDimension web service interface API
- iDimension software suite can be used to integrate the iDimension LTL with barcode scanners, floor scales and forklift scales

## Common Uses

- Freight & Logistics
- Warehousing & Distribution
- Product Manufacturing



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## Specifications

**Measurement Range:** Maximum freight size: 2.4m x 2.4m x 2.4m Minimum freight size: .3m x .3m x .3m

**Measurement Increment:** 12.7cm / 0.5"

**Throughput:** Average transaction time of 7 seconds

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

**Item Placement:** Single pallet within the centre of the target zone 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 LTL, Calibration object, 500mm in test box

**Dimensioning Speed:** Within two seconds from the time the target area is clear and the iDimension LTL has been triggered to scan.

**Unobstructed Floor Space:** For best performance, provide a 3m x 3m area clear of walls, inventory racks or barriers.

**Minimum Ceiling Height:** 3.8m

**Sensor Height:** 3m

**Network Interface:** One static IP address required when used with a mobile PC. Up to 12 IP addresses reserved when connected directly to the network.

**Physical Dimensions:** 3.4m x 3.4m x .34m (L x W x H)

**Power Requirements:** Single power source with 7.6m power cable

**Optional Mobile PC:** Quad Core Intel E3845 processor, 4GB RAM DDR3, CFAST 32GB, 12.1 in XGA LED 500 NIT display with resistive touch screen, Windows 10 Pro, 4 x USB 2.0 ports, 1 x Ethernet 10/100/1000, 1 x VGA, -30°C to 55°C, IP65

**Optional Network Camera:** 2.4 mm POE network colour 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)