DIMENSIONING

Part Numbers/Price

Part #	Description	Capacity	Dimensions	Est. Weight	Price
System					
199318	iDimension PWD System	5,000 lb (2,500 kg), 6 ft x 6 ft x 6 ft (1.82 m x 1.82 m x 1.82 m) max	–	–	$28,900.00
System Options					
200168	2.4 mm POE network camera – up to 1 optional				$875.00
199320	Data Logic PM 9100RB wireless scanner kit				$1,360.00
176307	Datalogic QuickScan QD2131 KBW, wired USB cable				$258.00
199665	iDimension PWD pallet jack ramp				$425.00
199666	Optional 5th overhead sensor				$1,895.00
Optional Integrated Solutions					
*	QubeVu Desktop App, Software Keyboard Wedge, Windows 10				N/C
*	Qubevu Developers Guide (API) and SDK files				N/C
175812	iDimension Software Suite, Windows 10				$2,250.00
Optional Factory Service and Support					
202029	Factory software integration remote support				$175.00
202027	Factory assembly, setup and configuration remote support				$650.00/ Unit
194215	Annual Software Maintenance				Consult
171666	iDimension field install and training/day, T & E not included				$1,395.00
Extended Warranty – 2 year standard					
202033	iDimension PWD/LTL additional 1 year extended warranty				$1,200.00
202034	iDimension PWD/LTL additional 2 year extended warranty				$2,400.00
202035	iDimension PWD/LTL additional 3 year extended warranty				$3,600.00

Available for free download at www.ricelake.com

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RICE LAKE

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. The iDimension LTL removes the potential for human error when taking measurements. The iDimension LTL accurately captures freight dimensions in less than two seconds.

iDimension LTL Stop & Go Feature

Increases throughput of palletized dimensioning, the iDimension LTL Stop & Go feature provides an NTEP approved capability of measuring pallets without having to remove the forklift from the target zone for up-to 72 in x 72 in x 84 in {L x W x H} pallets and continue to achieve accuracy and less than 2 second dimension time.

Standard Features

- Legal for Trade measurement range for maximum freight size at 96 in x 96 in x 96 in and minimum freight size at 12 in x 12 in x 12 in with 0.5-inch accuracy
- 360-degree access for easy pallet placement in the center of target zone
- No moving parts and solid-state design
- Minimal set-up and training required
- Up to four low-resolution intensity images provide a bounding box to identify measurement recorded and can be configured to include time and date, scan ID, serial number, dimensions and dimensioning indications

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

Specifications

Legal for Trade Measurement Range:
Maximum freight size: (L x W x H)
96 in x 96 in x 96 in
Minimum freight size: (L x W x H)
12 in x 12 in x 12 in

Measurement Increment:
0.5 in

Dimensioning Speed:
Within 2 seconds from the time the target area is clear and the iDimension LTL has been triggered to scan

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 center of the target zone for best performance

Minimum Pallet Height:
4.25 in wood pallets

Unobstructed Floor Space:
For best performance, provide a 11 ft x 11 ft area clear of walls, inventory racks or barriers

Minimum Ceiling Height:
12.75 ft

Shapes:
Solid shapes, (3-inch protrusions or more) will be included in dimensions

Lighting Conditions:
Operates in any indoor lighting environment

Power Requirements:
Single power source (96-264 VAC), with 25 ft power cable

Optional Network Camera:
2.4 mm fixed 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:
14°F to 104°F (-10°C to 40°C)

Humidity:
0-90% non-condensing

Warranty:
Two-year limited warranty
Five-year limited warranty, sensors only