



Standard Features

- 360 degree fork truck access for easy pallet placement in the target zone
- No moving parts, solid-state design
- Minimal set up and training required
- Six to eight bounding box images identify measurement record. Images can be configured to include time and date, scan ID, serial number, dimensions and dimensioning indications.

Options

- Up to two high-resolution color network cameras enable freight identification for damage assessment and tracking requirements
- Target zone LED light kit
- 23 inch operator display provides instantaneous feedback to the forklift or pallet jack operator
- iDimension SS integration program with customizable GUI. Manage triggering methods, data storage and data transfer tools. Incorporates optional bar code scanners, floor scales /forklift scales and printers
- Stop/go license key to improve dimensioning throughput

Specifications

System Requirements:

Windows® 10

Legal for Trade Measurement Range: (L × W × H)

Maximum freight size:
144 × 96 × 96 in
(3,658 × 2,438 × 2,438 mm)
Minimum freight size:
12 × 12 × 12 in
(305 × 305 × 305 mm)

Measurement Increment:

0.5 in (10 mm)

Dimensioning Speed:

Within 2 seconds from trigger to scan completed

Performance Characteristics:

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

Stop & Go Measurement

Performance Characteristics:

Stop & Go eliminates the forklift image from the dimensioned measurements. Stop, trigger dimensioner and go in 2 seconds for legal for trade results. Best when used with a Rice Lake Legal for Trade fork lift scale.

Item Placement:

Single pallet within the center of the target zone for best performance

Minimum Pallet Height:

4.25 in (108 mm) wood pallets

Unobstructed Floor Space:

For best performance, provide a 11 x 11 ft area clear of walls, inventory racks, barriers or objects

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 to 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 to 90% non-condensing

Warranty:

Two-year limited
Sensors: Five-year limited (extended warranty available for purchase)

Approvals:

NTEP 19-076A2

Approvals



Part Numbers/Price

Part #	Description	Price
202974	iDimension LTL XL	Consult
Mounting Options		
205283	80/20 S & G ceiling mount kit (25 ft ceiling max)	Consult
206007	iDimension LTL install bracing, for ceilings 18-25 ft	Consult
188757	Aircraft wire ceiling mounting kit (35 ft ceiling max)	Consult
System Options		
205285	2.4 mm POE network camera – up to 2 optional	Consult
195284	iDimension LTL LED target zone light kit	Consult
205286	21.5 in commercial forklift operator monitor display kit commercial option	Consult
206543	iDimension LTL light tree kit	Consult
174132	50 ft AC power cord	Consult
PC Options		
205073	JLT mobile PC and mount kit hardware, Windows® 10	Consult
205287	JLT mobile PC overhead mounting kit on iDimension LTL	Consult
174659	JLT mobile PC stand and guard rail kit	Consult
212433	JLT mobile PC touchscreen vehicle mount computer kit	Consult
178501	USB serial adapter	Consult
Optional Integration Solutions		
203010**	iDimension Desktop Wedge for Windows 10	N/C
175812	iDimension SS (software suite) web server software (Windows 10 required)	Consult
201447	iDimension SS real-time status display desktop app (Stop & Go)	Consult
201448	iDimension SS standalone forklift data management web app (Stop & Go)	Consult
206229	Wireless Honeywell long-range TCP/IP scanner kit for use with iDimension SS Software	Consult
Scanner, Printer and Digital Remote I/O Options		
206229	Wireless Honeywell long-range TCP/IP scanner kit for use with iDimension SS Software	Consult
192721	Zebra ZD420D printer, direct thermal	Consult
37345	Label, roll 5 in dia, 1 in core	Consult
iDimension LTL Stop and Go		
198480	Stop and GO activation license key	Consult
212337	Universal Class II forklift carriage 34" Stop and GO reflector plate	Consult
193858	CLS forklift scale Stop and GO reflector plate	Consult

iDimension® LTL XL

Pallet Dimensioning System

DIMENSIONING

Part #	Description	Price
Floor Scale Options		
213922	RoughDeck floor scale 5 x 7 ft HP	Consult
86820	Bumper guard, HP 7 ft	Consult
86873	Bumper guard, HP 5 ft	Consult
Optional Factory Service and Support		
194215	Annual software maintenance	Consult
FLD-INSTALL	iDimension field install and training/day, travel and expenses not included	Consult
Extended Warranty – 2 year standard		
202033	iDimension PWD/LTL additional 1 year extended warranty	Consult
202034	iDimension PWD/LTL additional 2 year extended warranty	Consult
202035	iDimension PWD/LTL additional 3 year extended warranty	Consult
Replacement Parts		
174374	JLT Mobile PC AC power adapter and cord	Consult
175621	USB 2.0/ Ethernet adapter (USB-A to RJ45)	Consult
184197	20 x 20 x 20 in wooden test box	Consult
196158	iDimension LTL & 400 plus calibration object	Consult

*Requires factory support and training on first installation of iDimension LTL

** Available for free download at www.ricelake.com