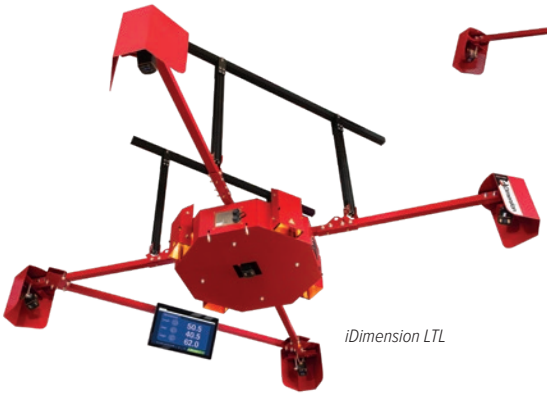
iDimension® LTL / LTL XL

Pallet Dimensioning System

iDimension LTL XL



iDimension LTL

Approvals

Part Numbers/Price

Part #	Description	Price
194205	iDimension LTL	Consult
202974	iDimension LTL XL	Consult

Options/Accessories

Mounting Options		
188446	iDim LTL modular install kit	Consult
205283	80/20 ceiling mount kit (25 ft ceiling max)	Consult
206007	iDimension LTL cross bracing, for ceilings 18 to 25 ft	Consult
188757	Aircraft cable ceiling mounting kit (35 ft ceiling max)	Consult
System Options		
188755	2.4 mm POE network camera – second high resolution camera	Consult
195284	LED target zone light kit	Consult
193830	LTL 21.5 in forklift operator display kit	Consult
205286	LTL-XL 21.5 in commercial forklift operator display kit	Consult
206543	iDimension LTL light tree kit	Consult
174132	50 ft AC power cord	Consult
PC Options		
205073	12 in HMI PC and Ram mount kit for desk or wall	Consult
202214	HMI PC overhead Ram mounting kit on iDimensioner LTL	Consult
205287	HMI PC overhead Ram mounting kit on iDimensioner LTL XL	Consult
174659	HMI PC floor stand and guard rail kit	Consult
212433	7 in HMI PC and Ram mounting kit for forklift	Consult
Optional Integration Solutions		
203010**	iDimension Desktop Wedge (Windows 10 required)	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
Scanner, Printer and Digital Remote I/O Options		
206229	Wireless Honeywell long-range TCP/IP scanner kit	Consult
192721	Zebra ZD420D printer, direct thermal	Consult
37345	Label, roll 5 in dia, 1 in core	Consult

Standard Features

- 360° fork truck access for easy pallet placement in the target zone
- Displays dimensions in 0.2 seconds
- Minimal set up and training required
- Bounding box images identify measurement record
- One high resolution camera

Options

- Second high resolution camera
- Target zone LED light kit
- 23 inch operator display provides instantaneous feedback to the forklift or pallet jack operator
- iDimension SS for storing data and images transferring data to ERP and WMS systems
- Stop/go activation

Specifications

Power Requirements:
110 to 240 VAC
25 ft (7.62 m) power cable included

Measurement Increment:
0.5 in (10 mm)

Dimensioning Speed:
Within 2 seconds from trigger to scan complete

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-trigger-go 2 seconds for Legal for Trade results. Best when used with a Rice Lake Legal for Trade forklift 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

Minimum Ceiling Height:
12.75 ft

Shapes:
Solid shapes, 3 in (76 mm) protrusions will be included in dimensions

Lighting Conditions:
Operates in any indoor lighting environment

Legal for Trade Measurement Range:
(L × W × H)
Maximum freight size:
96 × 96 × 96 in
(2,438 × 2,438 × 2,438 mm)
Minimum freight size:
12 × 12 × 12 in
(305 × 305 × 305 mm)

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 19-076
OIML
MID
FCC
CE

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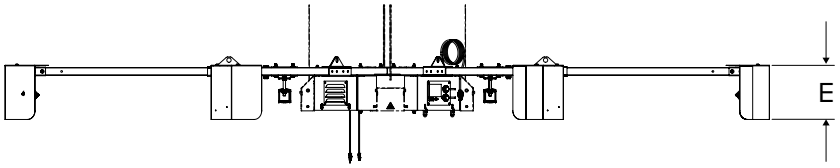
Part Numbers/Price

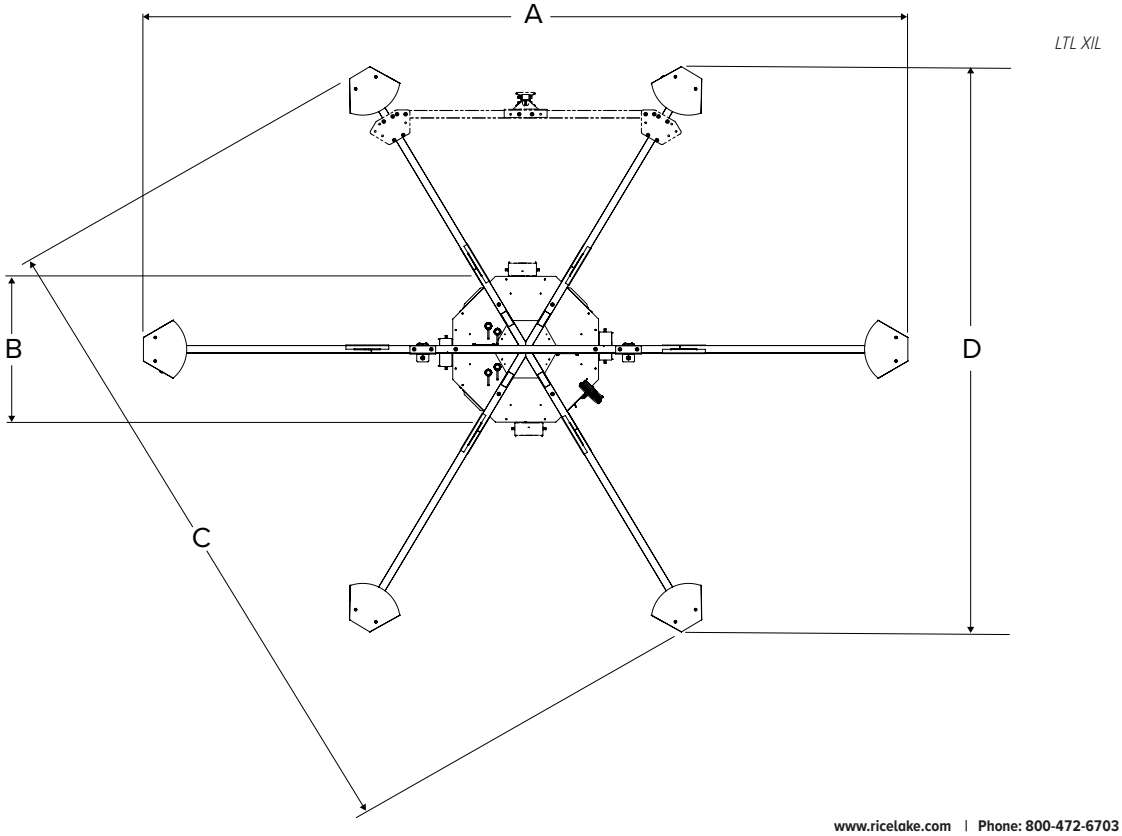
Part #	Description	Price
iDimension LTL Stop and Go		
198480	Stop/go activation license key	Consult
212337	Universal Class II forklift carriage 34 in Stop & GO reflector plate (Not for Yale forklifts)	Consult
193858	Rice Lake CLS forklift scale Stop & GO reflector plate	Consult
Floor Scale Options		
213921	RoughDeck floor scale, 5 x 5 ft HP, 5,000 lb, flat black paint, NTEP Certified	Consult
214187	RoughDeck floor scale, 5 x 5 ft HC, 2,500 kg, flat black paint, Measurement Canada Certified	Consult
213922	RoughDeck floor scale 5 x 7 ft HP, 5,000 lb, flat black paint, NTEP Certified	Consult
86820	Bumper guard, HP 7 ft	Consult
86873	Bumper guard, HP 5 ft	Consult
213999	RoughDeck ramp, 5 ft	Consult
200183	680 Plus Indicator, LED display, 115 to 230 VAC with RJ45, US power cord. Alternately, choose a Rice Lake 880 or 1280 for automation applications.	Consult
Factory Service and Support		
194215	Annual software maintenance	Consult
FLD-INSTALL	iDimension field install and training/day, travel and expenses not included	Consult
202029	Hourly rate scheduled integration services remote session	Consult
Extended Warranty – Two-year standard		
202033	iDimension PWD/LTL additional one-year extended warranty	Consult

**Requires factory support and training on first installation of iDimension LTL*
***Available for free download at www.ricelake.com*

Dimensions -

iDimension LTL XL	
A	178.28 in (4,528 mm)
B	34.00 in (864 mm)
C	150.44 in (3,821 mm)
D	131.83 in (3,348 mm)
E	12.64 in (321 mm)

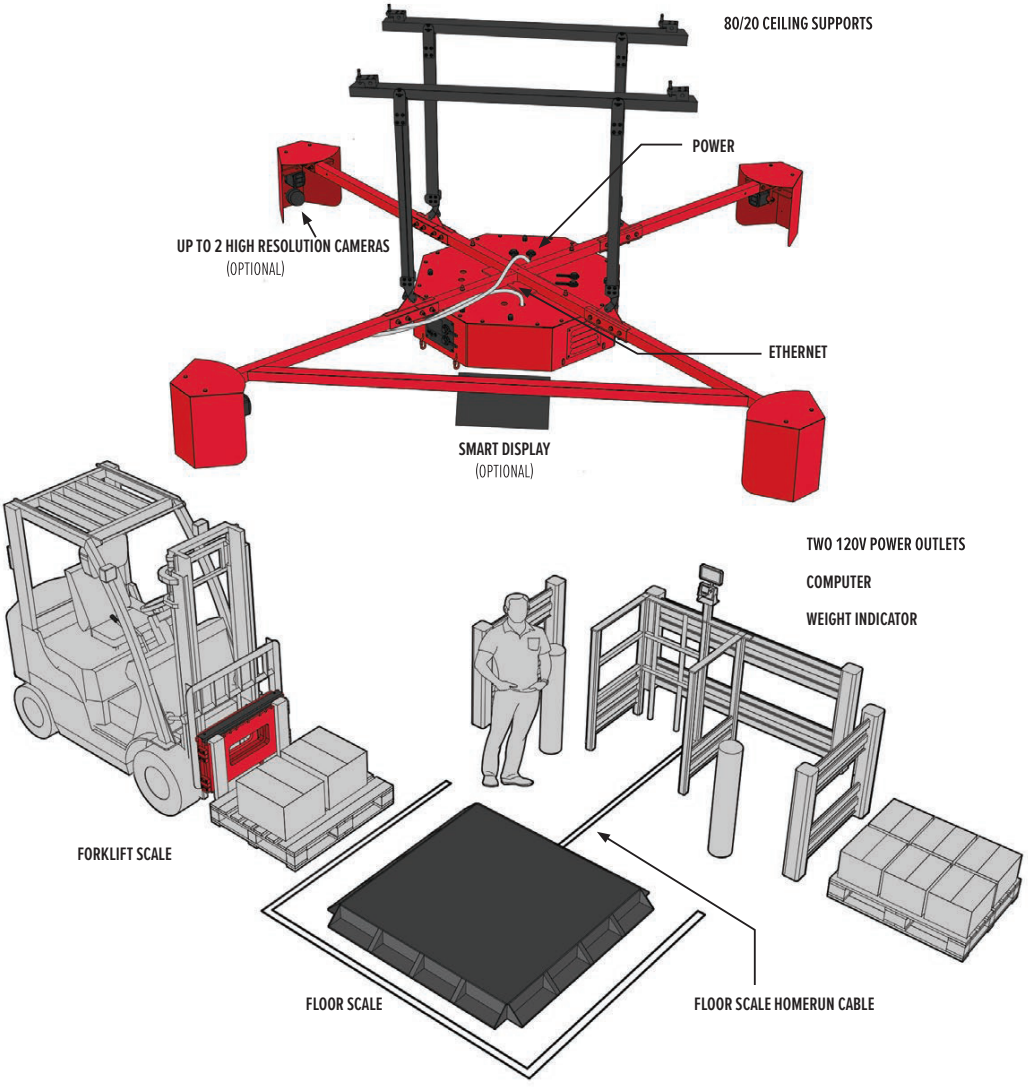




LTL XIL

iDimension® LTL / LTL XL

Pallet Dimensioning System



System Overview

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