

iDimension® 400



Specifications cont.

- Operating Temperature:**
14° F to 104° F (-10° C to 40° C)
- Humidity:**
0-90% non-condensing
- Mechanical Environment Class:**
M1
- Electromagnetic Class:**
E1
- Warranty:**
Two-year limited warranty

Part Numbers/Price

Part #	Description	Est. Weight	Price
Systems			
174929*	iDimension 400, 8 ft x 8 ft x 8 ft x 0.5 in, NTEP Certified	525 lb	Consult
System Contents/Replacement Parts			
174131	25 ft AC power cord	–	Consult
176019	20 in x 20 in x 20 in test box	–	Consult
176256	JLT Model 1214 industrial mobile PC with VGA connector	–	Consult
174374	JLT Model 1214 AC power cord, required with 176256	–	Consult
174383*	iDimension 400, 8 ft x 8 ft x 8 ft x 0.5 in NTEP frame and sensors	525 lb	Consult
Options			
174132	50 ft AC power cord	–	Consult
174659	JLT Model 1214 industrial mobile PC with 12V forklift, no VGA	–	Consult
174659	JLT Mobile PC stand and forklift guard rail	–	Consult

*Requires factory support and training on first installation of iDimension 400

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
- Network Interface:**
Isolated VLAN with DHCP disabled, two static IP addresses are required (iDimension 400 and web relay power switch)
- Throughput:**
240-300 pallets per hour
- Performance Characteristics:**
Most surfaces; transparent, translucent or glossy surfaces
- Item Placement:**
Single pallet within the center of the target zone for best performance
- Minimum Pallet Height:**
4.25 in
- Shapes:**
Solid shapes, two-inch-or-less protrusions may not be included in dimensions
- Lighting Conditions:**
Operates in any indoor lighting condition
- Image Types:**
Standard 640 x 480 dpi available in .bmp or .jpg file format
- Installation Overview:**
For maximum performance, configure with iDim Software Suite
- Method:**
Ceiling mounted with suspension cables
- Minimum ceiling height:**
14 ft
- Sensor height:**
10 ft (remote sensors); 12 ft main sensor
- Unobstructed floor space:**
10 ft x 10 ft
- Target zone:**
8 ft x 8 ft directly under the center of the device
- System Contents:**
iDimension 400
Ceiling mount hardware and cables
Calibration object
JLT Mobile computer with 50 ft of Ethernet cable
20 in x 20 in x 20 in test object
iDimension software solution
- JLT Mobile PC, Touchscreen:**
Quad Core Intel E3845, 4GB RAM, CFAST 32GB, XGA LED standard bright with resistive touch screen
Windows 10 Pro (Quad Core E3845 Processor)
- iDimension Software Suite:**
Factory consultation required
- Physical Dimensions:**
(L x W x H) 129 in x 129 in x 37 in
- Construction:**
Aluminum and mild steel, powder coat paint
- Power Requirements:**
Single power source (93-264VAC), with 25 ft power cable