3D IMAGING AND DIMENSIONING SYSTEM

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	$58,745.00
System Contents/Replacement Parts			
174131	25 ft AC power cord	–	$25.00
176019	20 in x 20 in x 20 in test box	–	$300.00
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	–	$45.00
174659	JLT Model 1214 industrial mobile PC with 12V forklift, no VGA	–	Consult
174659	JLT Mobile PC stand and forklift guard rail	–	$1,250.00

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 (93-264 VAC), with 25 ft power cable