

iDimension® Plus

Static Dimensioning System

DIMENSIONING



Standard Features

- Easy to assemble in 30 minutes or less
- Displays dimensions in less than 2 seconds
- Automatic scan and dimension, no special package placement required
- Includes 7 in (178 mm) touch screen monitor
- Dimensions parcels at 0.2 in (5 mm) NTEP Legal for Trade accuracy
- Dimensions irregular shapes and polybags at 0.5 in NTEP Legal for Trade accuracy
- Capable to dimension opaque packaging
- Measurement capabilities beyond Legal for Trade limits
- Standard resolution color camera included
- High resolution color image, 2880 x 2160 pixels, available from iDimension Plus 4 K

Peripherals

- Optional powered USB hub for use of more than one peripheral
- Optional wired or wireless USB bar code scanner
- Dimensions and bar code text data added to web service API
- Rice Lake BenchPro shipping/postal scales
- Rice Lake 680, 880, 1280 indicators available for automation applications

Specifications

System Requirements:

Windows® 10

Power Requirements:

Single power source 110 to 240 V external power supply, US power cord

Communication Ports:

- (1) USB A
- (1) 10/100/100 Base-T Ethernet

Software Integration:

API and SDK files available for network device integration
iDimension Desktop Wedge

Package Contents:

iDimension Plus, calibration object, USB display, US power cord and assembly tool kit

Operating Temperature:

32 °F to 104 °F (0 °C to 40 °C)

Humidity:

Non-condensing

Warranty:

Two-year limited

Approvals:

NTEP 19-040A2
OIML R129/2000-A-NL1-20.05
CE Marked
MID Certified
NMI

Approvals



Measurement Capabilities Based on Pole Assembly Height

Model	1.2 m		1.5 m	
	48 in (1,200 mm)		60 in (1,500 mm)	
Min/Max	Min	Max	Min	Max
Length	1.2 in (30 mm)	40 in (1,000 mm)	1.2 in (30 mm)	48 in (1,200 mm)
Width	1.2 in (30 mm)	24 in (600 mm)	1.2 in (30 mm)	32 in (800 mm)
Height	0 in (0 mm)	24 in (600 mm)	0 in (0 mm)	28 in (700 mm)
Division	0.2 in (5 mm)		0.2 in (5 mm)	

Legal for Trade approved minimum and maximum measurements are available from the country specific certificate of approval.

Part Numbers/Price

Part #	Description	Price
Parcels less than 40 inches (1.2m pole)		
204599	iDimension Plus 1.2 m pole assembly	Consult
204600	iDimension Plus 4K 1.2 m pole assembly	Consult
Parcels less than 48 inches (1.5m pole)		
204596	iDimension Plus 1.5 m pole assembly	Consult
204598	iDimension Plus 4K 1.5 m pole assembly	Consult
Accessories		
180007	Kit USB Hub, 5 m cable assembly, power adapter, 4-port industrial hub, US power supply	Consult
205533	Power cord, detachable, German/French, 5 m, CEE 7/7, Type E plug	Consult
95589	Power cord, detachable, BS 1363 Type G Plug, UK, 2.5 m	Consult
162630	Power cord, AU/NZ 3112 Type I	Consult
178501	RS-232/USB cable, for use with compatible indicators	Consult



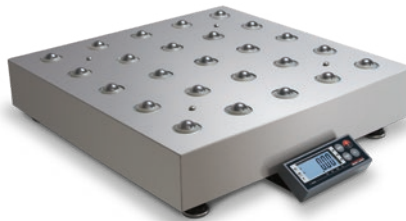
Part Numbers/Price

Part #	Description	Price
Bar Code Scanner		
176307	QuickScan QD2131 USB bar code scanner; keyboard wedge emulation mode only (alpha/numeric)	Consult
206225	Wireless Honeywell 1981IFR-3USB-5-N long-range bar code scanner	Consult
206228	Honeywell 1981IFR-3USB-5-N power supply scanner	Consult
UPS Worldship Interface		
180771	Kit, USB hub for BenchPro scale and UPS Worldship compatibility (includes interface cable for RS-232 & USB to computer)	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
Optional Factory Service and Support		
202027	Level 1 remote support, iDimension Plus initial configuration and scale setup	Consult/Unit
202029	Level 2 remote support, iDimension Plus advanced configuration and software setup	Consult/Hour
Extended Warranty – 2 year standard		
202030	iDimension Plus additional 1 year extended warranty	Consult
202031	iDimension Plus additional 2 year extended warranty	Consult
202032	iDimension Plus additional 3 year extended warranty	Consult
Rice Lake BenchPro Compatible Scales		
Postal Scale 12 × 14 in (305 × 356 mm) Weight Platter		
194625 **	Model BP 1214-35P - 70 lb Postal Scale, painted mild steel weight platter	Consult
Shipping Scale 12 × 14 in (305 × 356 mm) Weight Platter		
184585	Model BP 1214-75S, 150 × 0.05 lb / 75 × 0.02 kg painted mild steel weight platter	Consult
Shipping Scale 18 × 18 in (457 × 457 mm) Weight Platter		
202191	Model BP 1818-75S, 150 × 0.05 lb / 75 × 0.02 kg, painted mild steel weight platter	Consult
201730	Model BP 1818-75S, 150 × 0.05 lb / 75 × 0.02 kg ball top weight platter	Consult
202190	Model BP 1818-75S, 150 × 0.05 lb / 75 × 0.02 kg roller conveyor weight platter	Consult
Shipping Scale 20 × 20 in (508 × 508 mm) Weight Platter		
182396	Model BP 2020-150S, 300 × 0.1 lb /150 × 0.05 kg, painted mild steel weight platter	Consult
182397	Model BP 2020-150S, 300 × 0.1 lb /150 × 0.05 kg, ball top weight platter	Consult
182398	Model BP 2020-150S, 300 × 0.1 lb /150 × 0.05 kg, roller conveyor weight platter	Consult
Shipping Scale 24 × 24 in (610 × 610 mm) Weight Platter		
182400	Model BP 2424-150S, 300 × 0.1 lb /150 × 0.05 kg, painted mild steel weight platter	Consult
182401	Model BP 2424-150S, 300 × 0.1 lb /150 × 0.05 kg, ball top weight platter	Consult
182402	Model BP 2424-150S, 300 × 0.1 lb /150 × 0.05 kg, roller conveyor weight platter	Consult

*Available for free download at www.ricelake.com **USB HID interface not available when in the Postal Scale lb/oz mode



Model BP 1214-S with mild steel shroud



Model BP 1818-S with ball top shroud



Model BP 2424-S with roller conveyor weight platter

iDimension® Plus

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DIMENSIONING

Dimensions

	Inches	Millimeters	Inches	Millimeters	
A	63.20	1,605	F	19.40	493
B	60.20	1,529	G	2.80	71
C	36.10	917	H	14.30	363
D	4.00	102	I	19.40	493
E	1.80	46	J	25.00	635

