

iDimension® Plus

Static Dimensioning System



Standard Features

- Easy to assemble with limited operator training required, up and running in as few as 30 minutes
- Displays dimensions in less than 0.2 seconds
- Requires virtually no special alignment or special handling while placing a package to increase throughput with adjustable scan zone and area of interest
- Includes 7 in (178 mm) USB touchscreen monitor:
 - Displays dimensions, image, status and weight (if scale is directly attached)
 - Initial setup and configuration wizard
 - Access to operator controls and functions
- Dimensions parcels at 0.2 in (5 mm) Legal for Trade accuracy
- Dimensions irregular shaped packages and polybags to 0.5 in NTEP Legal for Trade accuracy using automatic recognition
- Legal for Trade measurements do not determine the minimum and maximum measurement capabilities available

Images:

- Includes low resolution, overhead color image of every item, available in .bmp or .jpg format through XML API integration
- High resolution color image, 2880 x 2160 pixels, available from iDimension Plus 4K

Peripherals:

- Optional powered USB Hub for use of more than one peripheral
- Optional USB barcode scanner with keyboard wedge emulation will manually trigger dimensioning and add barcode text data into web service API
- Rice Lake BenchPro shipping/postal scales and compatible indicators

Specifications

Package Dimensions:

Length: 41 in (1,041 mm)
Width: 24 in (610 mm)
Height: 10 in (254 mm)
Weight: 42 lb (20 kg)

Power Requirements:

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

Object Colors:

All opaque packaging

Measurement Time:

0.2 seconds, scale settling times vary by manufacturer

I/O Ports:

(1) USB A port
(1) 10/100/1000 Base-T Ethernet port

Software Integration:

API and SDK files available for network device integration

Package Contents:

iDimension Plus, calibration object, USB display and US power cord

Operating Temperature:

32° F to 104° F (0° C to 40° C)

Humidity:

Non-condensing

Warranty:

Two-year limited warranty

Approvals:

NTEP 19-040A2
CE
OIML, MID, NMI

Approvals



iDimension Plus Pole Assembly

Model	1.2 m		1.5 m	
Platform Distance	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
iDimension Plus		
Small parcels (1.2m pole)		
204599	iDim Plus 1.2m pole assembly	Consult
204600	iDim Plus 4K 1.2m pole assembly	Consult
Medium parcels (1.5m pole)		
204596	iDim Plus 1.5m pole assembly	Consult
204598	iDim Plus 4K 1.5m pole assembly	Consult
iDimension Plus Accessories		
180007	Kit USB Hub, 5 m cable assy, power adapter, 4-port industrial hub, North America power supply	Consult
205533	Power cord, detachable, German/French, 5 m	Consult
95589	Power cord, detachable, UK, 2.5 m	Consult
197896	Software, 880 iRite NCI protocol	N/C
178501	RS-232/USB cable, for use with compatible indicators	Consult

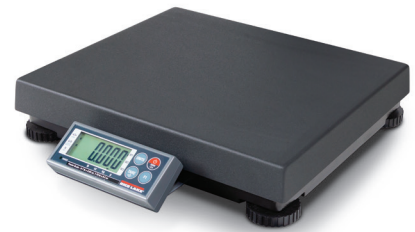


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Part Numbers/Price

Part #	Description	Price
iDimension Plus Bar code Scanner		
176307	QuickScan QD2131 USB bar code scanner. Keyboard wedge emulation mode only (alpha/numeric)	Consult
206225	Honeywell 1981IFR-3USB-5-N long range bar code scanner	Consult
206228	Honeywell 1981IFR-3USB-5-N power supply scanner	Consult
iDimension Plus 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*	QubeVu Desktop App, Software Keyboard Wedge, Windows 10	N/C
175812	iDimension SS webserver software, Windows 10, for data collection and integration	Consult
Optional Factory Service and Support		
202027	Level 1 remote support, iDimension Plus 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 x 14 in (305 x 356 mm) Weight Platter		
194625**	Model BP 1214-35P - 70 lb Postal Scale, Painted Mild Steel Weight Platter	Consult
Shipping Scale 12 x 14 in (305 x 356 mm) Weight Platter		
174879	Model BP 1214-75S, 150 x 0.05 lb / 75 x 0.02 kg, Stainless Steel Weight Platter	Consult
184585	Model BP 1214-75S, 150 x 0.05 lb / 75 x 0.02 kg Painted Mild Steel Weight Platter	Consult
Shipping Scale 18 x 18 in (457 x 457 mm) Weight Platter		
202190	Model BP 1818-75S, 150 x 0.05 lb / 75 x 0.02 kg Roller Conveyor Weight Platter	Consult
201730	Model BP 1818-75S, 150 x 0.05 lb / 75 x 0.02 kg Ball Top Weight Platter	Consult
202191	Model BP 1818-75S, 150 x 0.05 lb / 75 x 0.02 kg, Painted Mild Steel Weight Platter	Consult
Shipping Scale 20 x 20 in (508 x 508 mm) Weight Platter		
182396	Model BP 2020-150S, 300 x 0.1 lb /150 x 0.05 kg, Painted Mild Steel Weight Platter	Consult
182397	Model BP 2020-150S, 300 x 0.1 lb /150 x 0.05 kg, Ball Top Weight Platter	Consult
182398	Model BP 2020-150S, 300 x 0.1 lb /150 x 0.05 kg, Roller Conveyor Weight Platter	Consult
Shipping Scale 24 x 24 in (610 x 610 mm) Weight Platter		
182400	Model BP 2424-150S, 300 x 0.1 lb /150 x 0.05 kg, Painted Mild Steel Weight Platter	Consult
182401	Model BP 2424-150S, 300 x 0.1 lb /150 x 0.05 kg, Ball Top Weight Platter	Consult
182402	Model BP 2424-150S, 300 x 0.1 lb /150 x 0.05 kg, Roller Conveyor Weight Platter	Consult

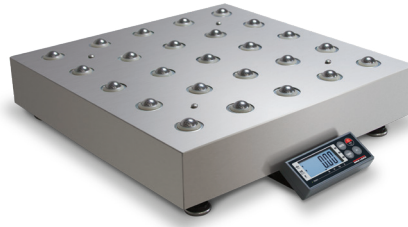
*Available for free download at www.ricelake.com **USB HID interface not available when in the Postal Scale lb/oz mode



Model BP 1214-S with mild steel shroud



Model BP 1214-S with stainless steel shroud



Model BP 1818-S with ball top shroud



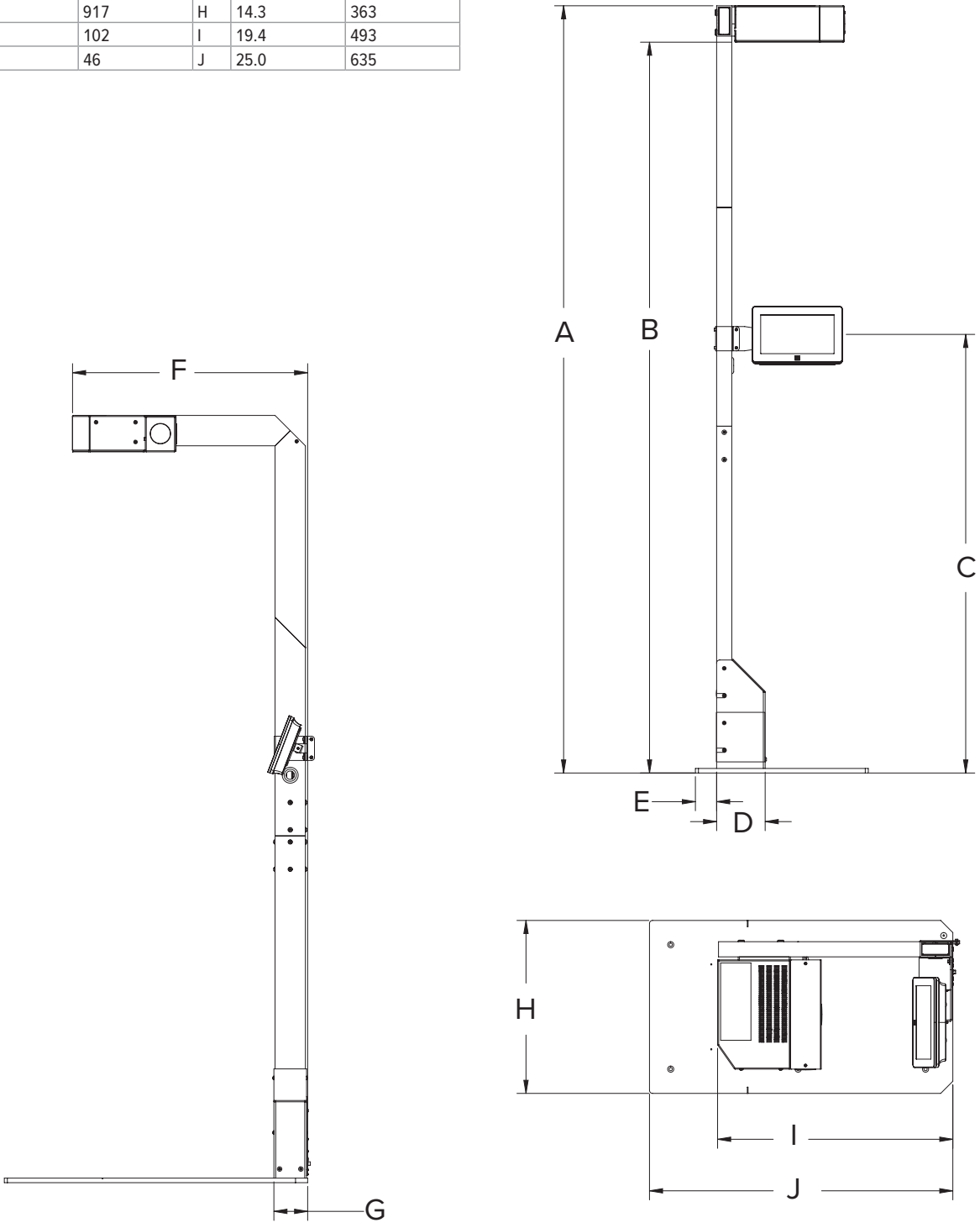
Model BP 2424-S with roller conveyor weight platter

iDimension® Plus

Static Dimensioning System

Dimensions

	Inches	Millimeters	Inches	Millimeters
A	63.2	1,605	F	19.4
B	60.2	1,529	G	2.8
C	36.1	917	H	14.3
D	4.0	102	I	19.4
E	1.8	46	J	25.0



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