

Dimension[®] Plus

DIMENSIONING SYSTEM

PRODUCT INFORMATION



Australia Wide Sales & Service

sales@materialshandling.com.au | www.materialshandling.com.au | 1300 25 84 07

MATERIALS
Handling PTY LTD *Working with ease.*

A New Era of Shipping

The iDimension PLUS Dimensioning System is the fastest static solution for calculating dimensions of boxes, fats, polybags, tubes and irregular-shaped packages. The iDimension PLUS eliminates revenue loss by providing accurate dimension and weight calculations required by parcel and postal carriers. Users can truly plug and play with the iDimension PLUS - simply open and assemble to instantly display dimensions.

Easy Setup

Users can begin using the iDimension PLUS within 30 minutes of unboxing with an easy-to-use setup wizard. Connect to the web-based interface to harness advanced configuration and communication settings - no additional software installation is required.

Speed and Accuracy

Parcels are dimensioned faster and more accurately than manual measurements, eliminating the risk of human error. In an industry-leading 0.2 seconds, parcels are automatically calculated within 0.2 inches (5 mm). Irregular-shaped packages like cylinders, spheres, tubes, polybags and uneven shapes are calculated within +/- 0.5 inches (12.7 mm). The iDimension PLUS is certified for single irregular and cubic-shaped non-transparent objects.



Improved Productivity

Operators efficiency improves with the iDimension PLUS series as this device quickly dimensions products in 0.2 seconds - faster than manual measuring.

OPERATOR DISPLAY

A colour touchscreen display provides instant feedback, an image, measurements, weight and operator functions for day-to-day use.

INNOVATIVE TECHNOLOGY

The iDimension PLUS uses multiple patented 3D-imaging technologies with advanced algorithms to optimise time and throughput for static outbound shipments. For objects under 1.2 inches, unique fat-detection technology measures and weighs envelopes and small packages. Each dimension provides an overhead image for use during claim disputes on damaged packages. Optional high resolution 4K image is available.

OPERATING VERSATILITY

The iDimension PLUS has automatic and manual trigger configurations. A small footprint and configurable scan area provide easy integration into any workspace.

*iDimension PLUS shown with optional BenchPro scale

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IDIMENSION® PLUS XL

The iDimension PLUS XL is specifically designed for integrators to provide flexibility in the installation of a dimensioning solution. It can be installed anywhere over a conveyor, table or scale from a pole, ceiling mount or support beam. This model includes all the great features of the iDimension PLUS, with more flexibility mounting the scanning head at 1.5 meters (60 inches) and 2 meters (80 inches).

The iDimension PLUS XL has the option for a powered USB hub for use of more than one peripheral and UPS WorldShip interface. There is also an optional USB barcode scanner with keyboard wedge emulation which will manually trigger dimensioning and add barcode text data into web service API.



MOTOWEIGH ROLLER TOP SCALE – MANUAL ROLLER TOP SCALE SYSTEM



The Motoweigh Roller Top Scale has integrated overload protection, 4 load cell systems, mild steel powder-coated frame, non-powder-coated rollers at 100 x 0.05 pounds capacity and resolution. With the flexibility of the iDimension PLUS XL, you can pair together to help increase the process of your existing work flow, dimension and weigh each package within less than 1 second.



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Peripherals

Connect the iDimension PLUS to a BenchPro Series shipping scale to add weight for each dimension. Users may also connect the iDimension PLUS to a USB barcode scanner with a wedge emulation to manually trigger dimensioning and add barcode text data.

Software Integration

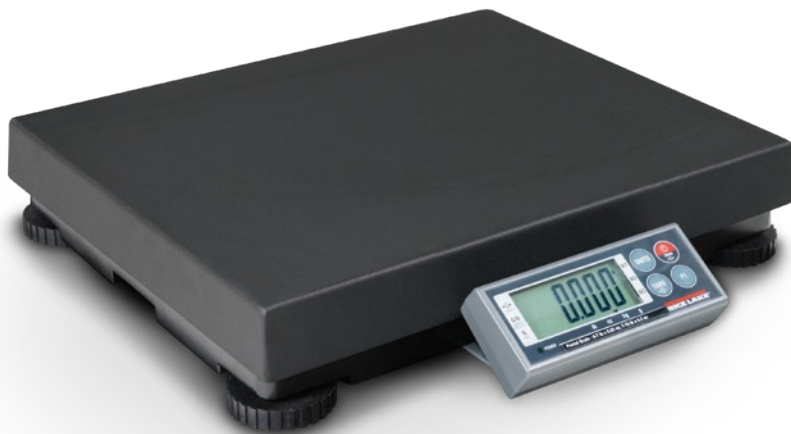
As a network device, the iDimension PLUS' and PLUS XL simple, open-web service API and SDKs can capture dimensions, weight and images of the item.

The iDimension PLUS also provides TC/PIP keyboard wedge software and data extract modes as methods for integration into existing ERP, TMS and WMS systems.

iDimension SS Webserver, Windows 10 software installed anywhere on a network PC or Server to trigger any iDimension product over the network using our simple Rest API or with a TC/PIP barcode scanner. Add a TC/PIP label printer to print data collected, such as weight, dimension, identification number and configurable user fields.

Shipping Software and WMS Interface

The iDimension PLUS is compatible with popular shipping programs, including UPS WorldShip[®]. Contact Materials Handling Pty Ltd to learn about other compatible software programs.



SPECIFICATIONS

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 may vary by manufacturer
OPERATING TEMPERATURE:	32° F to 104° F (0° C to 40° C)
HUMIDITY:	Non-condensing
MECHANICAL ENVIRONMENT CLASS:	M1
ELECTROMAGNETIC CLASS:	E1
I/O PORTS:	(1) USB type A port (interface to scale) (1) 10/100/100BASE-T Ethernet port (interface to PC)
PACKAGE CONTENTS:	iDimension Plus, calibration object, USB display and US power cord
WARRANTY:	Two-year limited warranty

APPROVALS



NTEP Certified
COC#19-040



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