



The Config Team™
SAP Logistics Specialists



Honeywell AutoCube™ 8200

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This innovative solution quickly and accurately measures the dimensions of any product to enable more efficient shipping processes and optimisation of warehouse facilities.

Replacing time-intensive manual processes, AutoCube utilises advanced 3D depth-sensing technology to provide precise measurements, which are recorded and visible in real-time to provide critical business insights.

At less than half the cost of alternative dimensioning solutions, AutoCube provides a tangible return on investment through lower set up costs and significant operational cost savings.

Operational Challenges



Space Restrictions

In many modern warehouses, space is at a premium and so the use of large, bulky equipment is not always possible. AutoCube's compact design, small footprint and absence of a separate power supply, combined with its ability to be mounted at different heights and angles, makes it ideal for use in a wide range of environments.



Manual Measurement

Manual measurement by its very nature makes human error inevitable, resulting in inaccurate measurements, inconsistencies and reduced productivity. The ability to automate the measurement process significantly increases workflow speed and measurement accuracy, while reducing operational costs.



Weighing Capabilities

In addition to dimensions, businesses often need to understand the weight of an item for delivery requirements. AutoCube can capture the weight of a package through seamless integration with weighing scales to further enhance storage and shipping efficiencies.



Return on Investment

It is crucial that any new investment can deliver a quick return. Moving from any manual to automated process will always reduce labour time for instant cost savings, in addition to the long-term operational cost reductions that are possible.



Accuracy

Load planning now requires that packages and objects, of all shapes and sizes including bulges and protrusions, as well as non-rectangular objects such as cylinders and prisms, are all accounted for, which is easier and quicker to achieve with automated measurement.



Real-Time Data

Customers and partners demand real-time data insights to enable them to make informed business decisions.

Business Benefits

Informed Decision-Making

Instant and precise measurements are quickly transmitted to warehouse management systems and shipping applications to optimise warehouse storage space, improve vehicle loading efficiency and reduce shipping costs.

Time Savings

By eliminating time-consuming manual measurement, and instantly and accurately capturing dimensions, any delays in the process are significantly reduced to ensure the continuous movement of goods through the warehouse.

Advanced Technology

Utilising 3D depth-sensing technology, AutoCube calculates the overall dimensions of any size or shape package, including obscure shapes and sizes, in less than a second and to within 5mm accuracy.

Bespoke Measurement

Every business is different and will have different packaging and delivery standards, such as the number of products to a pallet. AutoCube allows customised settings to be programmed to validate specific units of measurement.

Evidence Storage

Through the mobile application, photographs can be included alongside dimensional data to provide a visual record of storage locations. Time-stamped images of products, as they are received, can also be instantly uploaded to enable claim verification.

Customer Satisfaction

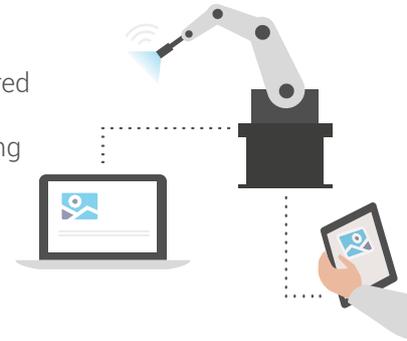
Improved customer cycle times, more efficient shipping and fewer order errors ensure an improved customer experience and more accurate revenue capture.



Integration

Measurements from AutoCube are instantly accessible so valuable information can be shared across the business in real-time. AutoCube can be easily integrated with industrial printers, barcode scanners, mobile devices, computers, and printer media to deliver a smarter working environment and the ultimate in secure, connected solutions.

Integration with SAP Goods Receipt (GR) is also possible, via a specifically designed mobile application, that can upload dimensional data directly into SAP. Validation checks can be incorporated to ensure the operator validates the information before it is updated in SAP.



Connectivity

As a connected solution, AutoCube provides in-depth operational and performance insights, to enable informed business decisions to be made. AutoCube's cloud-based operational intelligence provides the real-time data needed to optimise warehouse operations.

Managers can remotely monitor every AutoCube at each location and view key dashboard data, along with more detailed status and performance indicators, to ensure any potential issues are identified quickly to allow proactive troubleshooting and replacement.



Features

Industry Standard Encryption

AutoCube leverages 256-bit AES encryption for Data at Rest and Data in Transit. Connections are always encrypted using TLS 1.2 or higher.

Supplier Conformity

Warehouses are set up so that each product has a specific rack location based on its dimensions, so if the packaging size changes it may no longer fit into its allocated location. AutoCube allows this information to be audited to validate the goods receipt process from suppliers.

Secure Updates

AutoCube permits updates, signed using a Honeywell Certificate, to allow up-to-date software patching to prevent potential cyber security threats.

Trusted Operating System

Honeywell signs all OS software with a unique Honeywell Certificate to ensure only valid, approved software can be installed on the device.

Secure Cloud Connectivity

All Honeywell Cloud environments are protected with next-generation application firewalls and state-of-the-art intrusion prevention and detection devices.

Easy Installation

The nature of AutoCube's compact and versatile design makes it easy to set up and operate.



