The Config Team™
SAP Logistics Specialists

Honeywell
THE POWER OF **CONNECTED**

Autocube™ 8200 Fixed Dimensioning Solution

The Honeywell AutoCube™ 8200 solution uses advanced 3D depth-sensing technology to measure the dimensions of an object instantly and with extreme precision.

AutoCube gives speedy and accurate measurements of nearly any object and delivers critical business insights through data and analytics. Furthermore, at less than half the cost of competitive dimensioning solutions, AutoCube enables a rapid return on investment for your business.

Challenges

Space at a premium
Market trends in e-commerce and distribution centres have elevated the importance of space optimisation for transportation, storage and workflows.

Accuracy is key
Load planning now requires that packages and objects of all shapes and sizes can be taken into account for efficient space optimisation. Even bulges and protrusions, as well as non-rectangular objects such as cylinders and prisms, need to be accommodated.

Real-time data
Customers and partners demand up-to-the-minute data insights, which enable them to make better-informed decisions.

Return on investment
In today's cost sensitive market, any system must provide quick return on investment, especially for an application where the previous alternative was a tape measure.

Tale of the tape
Manual tape measurements resulted in lower accuracy, inconsistency and reduced productivity. The ability to automatically measure objects in any orientation speeds up workflows and enables users to ship more packages and reduce costs.

Freedom to perform
In all new warehouses, space is something that just doesn't exist. Autocube's compact design, small footprint and absence of a separate power supply allow the freedom to easily mount and use in a wide range of environments.

Barriers to connectivity
Companies need to easily interface an automatic system with multiple applications. Autocube's automatic and user-controlled modes enable companies to customise usage to their unique workflows.

Benefits

The AutoCube fixed dimensioning solution sets new standards for user measurement, accuracy, efficiency, and affordability. Easily integrate it with industrial printers, barcode scanners, mobile computers, and printer media to benefit from a smarter working environment and the ultimate in secure, connected solutions.

As part of the GR (Goods Receipt) process, Autocube uses the Honeywell Movilizer app platform to capture dimensions, send a message through SAP to the Autocube and returns information on screen for the operator to check. Once the operator has validated the information, the app updates the material master in SAP and includes an image of the dimensions.

Satisfied Customers
Faster customer cycle times and fewer errors make for more accurate revenue capture and higher customer satisfaction.

Smoother Processing
Turns laborious and time-consuming manual measurement of packages into a thing of the past.

Reduce Delays
By instantly and accurately capturing the dimensions of an object – even irregular shapes and sizes – companies can keep their lines moving.

Fewer Bottlenecks
Reduced shipping chargebacks and optimised warehouse space and processes for lower costs and increased throughput.

Advanced Technology
Using 3D depth-sensing technology, AutoCube automatically calculates the overall dimensions of a package in less than a second and to within 5 mm (0.2 in) accuracy.

Informed Decision-Making
Instant and precise measurements are quickly transmitted to WMS and shipping applications to optimise warehouse storage space and vehicle loads and reduce shipping costs.

Bespoke Measuring Settings
Validate the number of items per unit of measure i.e. 1 pallet = 10 cases etc. through unique customer settings.

Evidence Storage
Features integrated photographs and data for instant claims verification.

Weighing Scale Integration
Autocube doesn't just measure the dimensions, it can also capture the weight of a package through seamless integration with weighing scales.

Shape Recognition
Ensures virtually any object no matter what the shape – and does it in less than a second, over and over again. Odd package size and shape? Autocube gives straightforward, accurate dimensions.

Connection

As a connected solution, AutoCube gives companies more than fast and accurate dimensioning - it also gives them deep operational and performance insights, so they can make better-informed decisions about their business.

AutoCube's cloud-based operational intelligence software gives managers at parcel companies and distribution centres the real-time data they need to optimise their operations.

Managers can remotely monitor every AutoCube at each one of their locations and view at-a-glance key dashboard data. They can even remotely monitor the status and performance of each AutoCube for potential problems 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
For validating on-going product deliveries from suppliers. If the dimensions of the packaging change but the product has specific dimensions, it may not fit into the usual location in a rack. The Autocube system allows this information to be audited.

Secure Updates
AutoCube permits updates – signed using a Honeywell Certificate – to provide up-to-date software patching to address cyber security threats.

Trusted Operating System
Honeywell signs all OS software with a unique Honeywell Certificate that ensures only valid, Honeywell 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
AutoCube's compact and versatile design makes it easy to set up and use.

• **Fast & Accurate Dimensions** • **Maximise Uptime** • **Real-Time Business Visability**

To find out how **we can benefit you**, get in touch.
We'll be happy to show you a demo.

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in Manufacturing

Call 01695 557 846
productsales@theconfigteam.co.uk

www.theconfigteam.co.uk