

AutoCube 8200

Fixed Dimensioning System

Multiple market trends in e-commerce and distribution centers have elevated the importance of space optimization in transportation, storage and workflows. Honeywell AutoCube™ 8200 is a fixed dimensioning system that enables companies to optimize space in multiple use cases, quickly and effectively. Whether it is a retail store of a courier company, a shipping station of a DC, a retail ship-from-store location or an inbound station of a warehouse, the AutoCube 8200 system provides an efficient way to achieve space optimization.

The AutoCube 8200 system uses 3D depth sensing technology to instantly and accurately measure the dimensions of an object. The dimensioning system consists of the dimensioner mounted on a stand and connected to a host computing system through a USB interface.

This optimally priced dimensioning system provides quick return on investment for applications where the previous alternative was a tape measure. Manual tape measurements resulted in lower accuracy, inconsistency and reduced productivity. The AutoCube 8200 system increases accuracy, consistency and user productivity in multiple use cases – increasing revenue capture, reducing shipping chargebacks and throughput bottlenecks, and optimizing storage space, workflow and load planning.

The large object size range, ability to measure objects in any orientation, sub-second measurement time, a large operating temperature range, operation over a wide range of ambient light levels, compact and flexible design and optimal pricing make the AutoCube 8200 system a must-have for companies looking to measure packages and objects to optimize space.



The AutoCube 8200 high-performance fixed dimensioning system uses 3D depth sensing technology to measure objects, helping companies capture more revenue, reduce costs and increase efficiency.

FEATURES & BENEFITS



Measures packages and objects in a wide range of sizes – from as small as a 10 cm (4 in) cube to as large as a 90 cm (35 in) cube. It can also measure bulges and protrusions of packages as well as non-rectangular objects like cylinders and prisms.



Sub-second measurements, automatic mode and the ability to measure objects in any orientation speeds up multiple workflows and enables users to process more customers, ship more packages and reduce labor costs.



Innovative technology enables pricing at a level that provides a quick return on investment for courier retail counters and DC shipping stations – opening dimensioning technology to companies whose previous alternative was a tape measure.



The compact and flexible design, small footprint and absence of a separate power supply gives companies the freedom to easily mount and use the AutoCube 8200 system in a wide range of environments.



The AutoCube Software API and SDK enable companies to easily interface the system with multiple applications. Automatic and user-controlled modes enable companies to customize product usage based on their unique workflows.

AutoCube 8200 Technical Specifications

MECHANICAL

Dimensions (L x W x H): 33.0 cm x 6.3 cm x 9.7 cm (12.9 in x 2.4 in x 3.8 in)

Weight: 900 g (2 lb)

ELECTRICAL

Input Voltage: 4.75 V – 5.25 V at host, 4.4 V – 5.25 V at device

Operating Current: 500 mA max

Power Interface: Powered through USB interface

Data Interface: USB 2.0 or higher

Laser Category: Class 1 Laser

PERFORMANCE

Min. Object Size (L x W x H): 10 cm x 10 cm x 10 cm (4 in x 4 in x 4 in)

Mounting Height of 1.5 m (59 in)

Max. Object Size Cube (L x W x H): 80 cm x 80 cm x 80 cm (31.5 in x 31.5 in x 31.5 in)

Max. Object Size Cuboid (L x W x H): 110 cm x 90 cm x 70 cm (43 in x 35 in x 27.5 in)

Mounting Height of 1.8 m (70 in)

Max. Object Size Cube (L x W x H): 90 cm x 90 cm x 90 cm (35 in x 35 in x 35 in)

Max. Object Size Cuboid (L x W x H): 120 cm x 100 cm x 70 cm (47 in x 39 in x 27.5 in)

Accuracy: 5 mm (0.2 in)

Measurement Time: Less than 1 second

ENVIRONMENTAL

Operating Temperature: -10°C to 40°C (14°F to 104°F)

Storage Temperature: -10°C to 40°C (14°F to 104°F)

Environmental Sealing: IP54

Relative Humidity: 0 to 95% relative humidity, non-condensing

Image Capture: Supported

SYSTEM

Host Computing Platform: Desktop or laptop PC with Windows® 7 or later, Tablet PC with Windows 8 or later

Software Integration: API and SDK available for integration

Usage Modes: Automatic, User-Initiated

Models:

AutoCube 8200-0: Non-certified version

AutoCube 8200-1: Certified version for legal use in trade and commerce

Specifications are subject to change without notice.

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.

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For more information

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