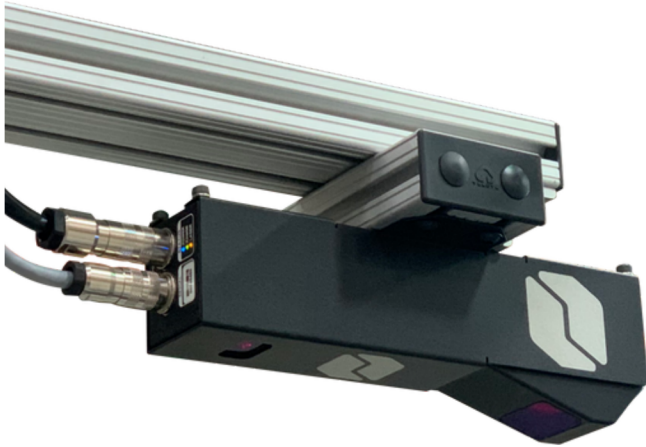# CUBISCAN 210-L

HIGH-VOLUME SKU & PARCEL DIMENSIONS FOR SHIPPING & RECEIVING

USER BENEFITS

- Accurate package dimensions in high-volume shipping & receiving environments
- Automating shipping & receiving frees up labor for other tasks
- Capture profiles of raw and unpackaged items
- Inspection capabilities include:
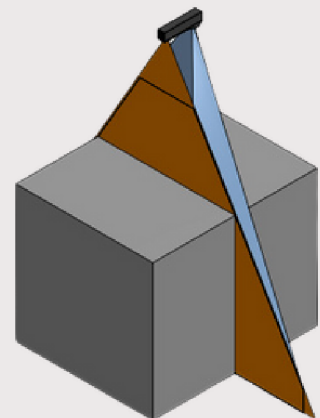 - pallet damage, open carton, empty tote verification, void fill calculation

TYPICAL APPLICATIONS

- Inline shipping & manifest
- Calc. carton dims for right-sized packaging
- Integration to various DWS solutions (dimensional weighing system)
- SKU capture of packaged & raw items
- Pass/Fail integration to ASRS & pick to flag 'over-maximum' sizes

PRODUCT DESCRIPTION

The Cubiscan 210-L is designed to collect volumetric data on in-motion SKUs and parcels in high-throughput facilities. It is LFT certified up to 500 ft/minute and can provide actual product volume in addition to a bounding box, or "smallest cube" dimension. The Cubiscan 210-L excels at void detection and can be used at the item or parcel level. Its ability to integrate with barcode scanners, checkweighers, print and apply labelers, and sortation technology makes the CS 210-L a flexible dimensioning solution that boosts facility throughput, revenue, and efficiency.

The CS 210-L comes in two standard sizes and can be custom configured for certain needs such as resolution, accuracy, and speed.

CUBISCAN®

CUBISCAN 210-L PERFORMANCE SPECIFICATIONS

Capacities	Minimum	Maximum
Item Size (L x W x H)	2x2x1.2 in (50 x 50 x 31 mm)	Full Range: 120 x 39 x 39 in (3000 x 990 x 990 mm) Medium Range: 120 x 30 x 17 in (3000 x 762 x 431 mm)
Conveyor Speed	10 fpm (0.05 mps)	LFT: 500 fpm (2.54 mps) Non-LFT: 600 fpm (3.04 mps)
Object Interval	Greater Than or Equal to 2 in (50 mm)	
Vibration Resistance	10-55 Hz, 1.5 mm double aptitude in X, Y & Z directions, 2 hrs per direction.	
Shock Resistance	15 g, half sine wave, 11 ms, positive & negative for X, Y and Z directions.	
EMS Test	In compliance with EN 61000-6-2:2001, EN 616000-6-4:2001	

Encloser rating/protection class: IP 20 (according to DIN 40050); with plug cover IP 65

Object color: Limitations with some dark colors
Housing: Gasketed aluminum enclosure, IP67

PHYSICAL SPECS

L, W, H: Variable (Based on custom frame design)

ENVIRONMENTAL

Operating Temp:
32° to 122°F (0° to 50°C)
Humidity:
15% to 85% non-condensing

SENSOR INFORMATION

Laser triangulation | Laser diode (wavelength): Visible light.
Laser power: Max. 7.5 mW | Object type: Cuboidal & irregular
Laser class: Class 2/3R (complies with 21 CFR 1040.10 with exception of the deviations per Laster Notice #50, 07/26/2001

DATA OUTPUT AND POWER REQUIREMENTS

Power requirements: 24-48V DC +- 10% max. 13W
Data Connections: Ethernet TCP/IP, Modbus TCP, Ethernet IP