



HUMANITY

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CUBISCAN 물류 체적 측정 시스템



▶ CUBISCAN Logo



▶ 1987 Established

▶ Manufacture and sales for Dimensioning system for 34 years

▶ SALT LAKE CITY located

▶ 60 Employees and subsidiaries

▶ Market leader of Dimensioning System



▶ 3H Logo



▶ Distributor of South Korea

▶ 2009 Established

▶ Seong-nam City located

▶ 16 Employees of sales and Engineering for Cubiscan





Cubiscan Video

Stand Alone

Cubiscan 100

Cubiscan 110





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Cubiscan Video

Stand Alone

Cubiscan 25



Cubiscan 325

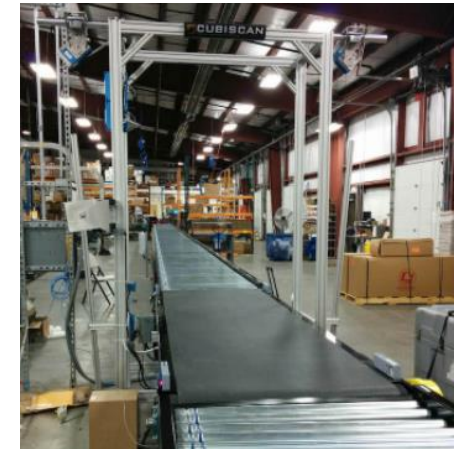


In-line

Cubiscan 210-SS



Cubiscan 210-DS

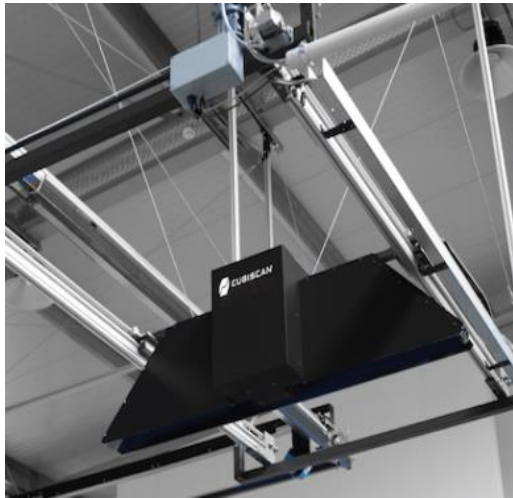




Cubiscan Video

Pallet

Cubiscan 1100-AKL



Cubiscan 1200-AKL





Amazon Process Video

Amazon process

Click

Amazon process 2

Click

Amazon process 3

Click

Amazon Inbound

Click



Cubiscan is the reference for dimensioning system in Amazon





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CUBISCAN STAND-ALONE





Cubiscan 100 | 110

MEASURING CAPACITIES

LENGTH

0.5 to 24.0 in (1.0 to 61.0 cm)

WIDTH

0.5 to 24.0 in (1.0 to 61.0 cm)

HEIGHT

0.5 to 36.0 in (1.0 to 90.0 cm)

MEASUREMENT INCREMENT

0.1 in (0.2 cm)

MEASUREMENT TIME

1 to 2 seconds

WEIGHT CAPACITY

0.05 to 100.00 lb (0.02 to 50.00 kg)

WEIGHT INCREMENT

0.05 lb (0.02 kg)



PERFORMANCE RANGE

LENGTH

0.5 to 30.0 in (1.0 to 75.0 cm)

WIDTH

0.5 to 24.0 in (1.0 to 60.0 cm)

HEIGHT

0.5 to 36.0 in (1.0 to 90.0 cm)

MEASUREMENT INCREMENT

0.1 in (2 mm)

MEASUREMENT TIME

<2 seconds

WEIGHT CAPACITY

0.05 to 100.0 lb (0.02 to 50.00 kg)

WEIGHT INCREMENT

0.05 lb (0.02 kg)



Parcel Types : Cuboidal and boxed items

Applications : Warehousing and space management



Cubiscan 25 | 325

CUBISCAN 25 TECHNICAL SPECIFICATIONS

This document lists the CubiScan 25 technical specifications.

CubiScan 25 Technical Specifications	
Physical Specifications	
Length	32 in (81 cm)
Width	27 in (69 cm)
Height	23 in (58 cm)
Weight	62 lb (28 kg)
Measuring Capacities	
Length	0.10 to 18.00 in (0.2 to 45.0 cm)
Width	0.10 to 12.00 in (0.2 to 30.0 cm)
Height	0.10 to 12.00 in (0.2 to 30.0 cm)
Measurement Increment	0.05 in (0.1 cm)
Measurement Time	< 5 seconds
Object Characteristics	Opaque
Weight Capacity	0.005 to 15,000 lb (0.002 to 6,000 kg)
Weight Increment	0.005 lb (0.002 kg)
Other	
Data Output	Serial (1), Ethernet (1), USB (1)
Humidity	0 to 90% non-condensing
Measuring Sensor	Infrared light beam
Operating Temperature	32° to 104° F (0° to 40° C)
Power Requirements	100-240 VAC, 50-60 Hz
Weight Sensor	Four load cells



*Approved 10.28.2016

CUBISCAN 325 TECHNICAL SPECIFICATIONS

This document lists the CubiScan 325 technical specifications.

CubiScan 325 Technical Specifications	
Physical Specifications	
Length	49 in (125 cm)
Width	38 in (97 cm)
Height	38 in (97 cm)
Weight	173 lb (78.5 kg)
Measuring Capacities	
Length	0.10 to 36.00 in (0.2 to 90.0 cm)
Width	0.10 to 24.00 in (0.2 to 60.0 cm)
Height	0.10 to 24.00 in (0.2 to 60.0 cm)
Measurement Increment	0.05 in (0.1 cm)
Measurement Time	3-7 seconds
Object Characteristics	Opaque
Weight Capacity	0.005 to 50,000 lb (0.002 to 25,000 kg)
Weight Increment	0.005 lb (0.002 kg)
Other	
Data Output	Serial (1), Ethernet (1), USB (1)
Humidity	0 to 90% non-condensing
Measuring Sensor	Infrared light beam
Operating Temperature	14° to 104° F (-10° to 40° C)
Power Requirements	100-240 VAC, 50-60 Hz
Weight Sensor	Four load cells

*Updated 4.19.2017



Parcel Types : Irregular, unboxed, cuboidal and boxed items

Applications : Warehousing and space management

Stand-alone configuration

- Main Unit
- Software License
- Mobile Cart for Main Unit
- Hand bar code scanner

* **Including install, training, and warranty** *

Option

- Battery kit
- Camera capture system





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CUBISCAN IN-LINE

CUBISCAN 210-SS | 210-DS





Cubiscan 210-SS | 210-DS

CUBISCAN 210-SS TECHNICAL SPECIFICATIONS

This document lists the CubiScan 210-SS technical specifications.

CubiScan 210-SS Technical Specifications

Physical Specifications	
Length	Variable, based on custom frame design
Width	Variable, based on custom frame design
Height	Variable, based on custom frame design
Weight	Approximately 5 lbs (2.3 kg) per sensor
Measuring Capacities	
Minimum Object Size Non-LFT Version (L x W x H)	2 x 2 x 2 in (50 x 50 x 50 mm)
Minimum Object Size LFT Version (L x W x H)	3 x 3 x 2.4 (76 x 76 x 61 mm)
Maximum Object Size LFT Non-LFT Versions (L x W x H)	60 x 48 x 36 in (1524 x 1220 x 914 mm) 102 x 48 x 36 in (2590 x 1220 x 914 mm)
Measurement Increment Non-LFT Version (L x W x H)	Up to 393.7 fpm (2 mps); 0.2 in (5 mm); 394-600 fpm (2-3.05 mps); 0.4 x 0.4 x 0.2 in (10 x 10 x 5 mm)
Measurement Increment LFT Version (L x W x H)	0.25 x 0.25 x 0.2 in (6 x 6 x 5 mm)
Minimum Conveyor Speed Non-LFT Version	10 fpm (0.05 mps)
Minimum Conveyor Speed LFT Version	50 fpm (0.25 mps)
Maximum Conveyor Speed LFT and Non-LFT Version	600 fpm (3.05 mps)
Object Interval LFT and Non-LFT Version	Greater than or equal to 2 in (50 mm)
Detectable Object Shape/Color	Cuboidal/Limitations with some dark colors
Useful Field of View	Maximum 70 degrees
Object Remission	10-200%
Other	
Sensor Type Non-LFT Version	SICK VMS-410

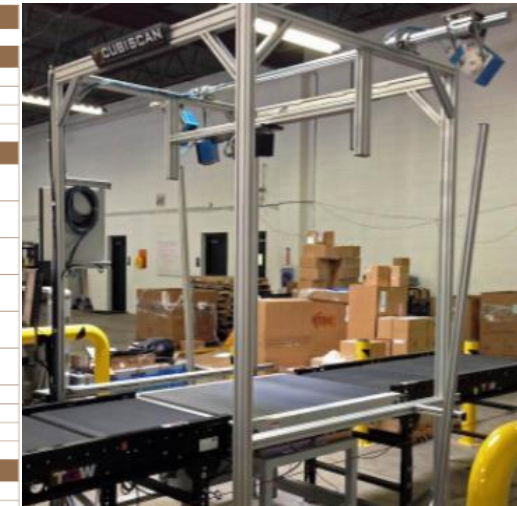


CUBISCAN 210-DS TECHNICAL SPECIFICATIONS

This document lists the CubiScan 210-DS technical specifications.

CubiScan 210-DS Technical Specifications

Physical Specifications	
Length	Variable, based on custom frame design
Width	Variable, based on custom frame design
Height	Variable, based on custom frame design
Weight	Approximately 5 lbs (2.3 kg) per sensor
Measuring Capacities	
Minimum Object Size LFT and Non-LFT Version (L x W x H)	2.4 x 2.4 x 0.5 (61 x 61 x 12.7 mm)
Maximum Object Size LFT Non-LFT Versions (L x W x H)	60 x 48 x 36 in (1524 x 1220 x 914 mm) 102 x 48 x 36 in (2590 x 1220 x 914 mm)
Measurement Increment LFT and Non-LFT Version	0.2 (5mm)
Minimum Conveyor Speed LFT and Non-LFT Version	10 fpm (0.05 mps)
Maximum Conveyor Speed LFT and Non-LFT Version	600 fpm (3.05 mps)
Object Interval LFT and Non-LFT Version	Greater than or equal to 2 in (50 mm)
Detectable Object Shape/Color	Almost any/Limitations with some dark colors
Useful Field of View	Maximum 70 degrees
Object Remission Non-LFT Version	15-200%
Object Remission LFT Version	25-200%
Other	
Sensor Type Non-LFT Version	SICK VMS-420
Sensor Type LFT Version	SICK VMS-520
Optical Indicators	6 LEDs per sensor
Host Interfaces	Native RS-232, RS-422, Ethernet (Optional: Ethernet TCP/IP, Profibus, Devicenet)
Laser Diode (Wavelength)	Visible light (650 nm)
Laser Power	Max. 10 mW



Parcel Types : Irregular, cuboidal and boxed items
 Applications : Shipping, logistics and space management
 Additional weight scale





Cubiscan 210-SS | 210-DS

- Possible to set-up in the existing Conveyor-Line
- Possible to select the weight scale following the capacity what the user need





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CUBISCAN PALLET

CUBISCAN 1100-AKL | 1200-AKL





Cubiscan 1100-AKL | 1200-AKL

PHYSICAL SPECIFICATIONS

(Minimum physical specs shown—measurements are highly customizable)

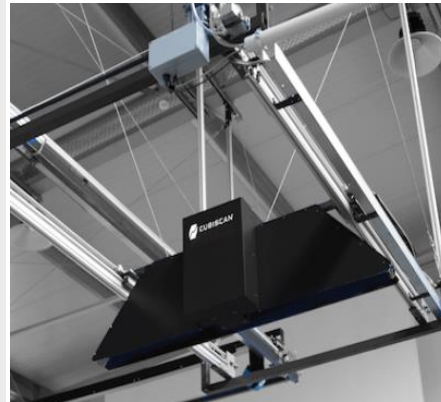
- Length: 72 in (182 cm)
- Width: 115 in (290 cm)
- Height: 26.5 in (67 cm)
- Suspended weight: <400 lb (<200 kg)
- Recommended ceiling height: >150 in (>380 cm)

PERFORMANCE SPECIFICATIONS

- Operating speed: 3-4 seconds
- Dimensional increment: +/- 0.5 in (1 cm)

OTHER

- Operating temperature: 32° to 104°F (0° to 40°C)
- Power requirements: 95-240 VAC, 47-96 Hz, single phase
- Data output: .csv, .txt, .xml, .jpg file output plus FTP transfer
 - TCP/IP network transfer
 - ODBC database transfer
 - Web services



CUBISCAN 1200-AKL TECHNICAL SPECIFICATIONS

This document lists the CubiScan 1200-AKL technical specifications.

CubiScan 1200-AKL Technical Specifications	
Minimum Physical Specifications	
Length	113 in (287 cm)
Width	123 in (313 cm)
Height	20 in (51 cm)
Suspended Weight	425 lb (193 kg)
Recommended Ceiling Height	192 in (488 cm)
Maximum U.S.A. (LFT, NTEP) Measuring Capacities*	
Length	6.0 to 240.0 in (12 to 610 cm)
Width	6.0 to 100.0 in (12 to 254 cm)
Height	6.0 to 120.0 in (12 to 305 cm)
Measurement Increment	0.5 in (1 cm)
Maximum Canada (LFT, MC) Measuring Capacities*	
Length	12.0 to 98.0 in (24 to 250 cm)
Width	12.0 to 88.0 in (24 to 224 cm)
Height	12.0 to 102.0 in (24 to 260 cm)
Measurement Increment	1.0 in (2 cm)
Maximum Europe (LFT, MID/NAWI) Measuring Capacities*	
Length	20 to 350 cm
Width	20 to 250 cm
Height	10 to 280 cm
Measurement Increment (l, w, h)	2 cm, 2 cm, 1 cm
Maximum Australia (LFT, NMI) Measuring Capacities*	
Length	20 to 350 cm
Width	20 to 250 cm
Height	10 to 280 cm
Measurement Increment (l, w, h)	2 cm, 2 cm, 1 cm
Other	
Data Output	.csv, .txt, .xml, .jpg file output plus FTP Transfer TCP/IP Network Transfer ODBC Database Transfer Web Services



- Parcel Types : Irregular, cuboidal and boxed items
- Applications : Shipping, logistics and space management





Cubiscan 1100-AKL | 1200-AKL

- Need to construct the floor mount or ceiling
- Need to construct the weight scale cast-in-place or embeddable



< Ceiling & Embeddable scale >



< Floor mount & Embeddable scale >





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SOFTWARE



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SUPPORT





Support for Cubiscan

Engineers in Korea get the engineering certification every 2 years from Cubiscan.

Cubiscan Engineer in Korea

- 1) Franz Lee – Leader of Engineer Dept.
- 2) Daniel Seo – Sales Engineer
- 3) Mike Shin – Sales Engineer
- 4) Leo Moon – Technical Engineer
- 5) Eric Yoon – Technical Engineer

Cubiscan will be installed by Korea Engineer.







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CONTACT

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THANK YOU

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