

CubiScan[®] 200-XIR

Applications/Benefits

Warehousing and Distribution

- Works with and interfaces to warehouse management system software
- Can be positioned on inbound, internal sorting, or outbound conveying equipment
- Provides real-time, upstream information for load planning activities
- Offers complete compatibility with load/pallet optimization software packages
- Eliminates manual data entry and protects data integrity

Freight Manifesting / Auditing Applications

- Type-approved for legal-for-trade applications
- Provides linear measurement of all three dimensions
- Calculates dimensional-weight (DIM-WEIGHT) shipping charges automatically
- Features user-definable dim-factors, which can be calculated in imperial, metric, or any combination
- Can optionally include type-approved scales (either dead-roller static or high speed in-motion)
- Interfaces conveniently with computer-based manifesting systems

More Highlights

- Ideally suited for applications involving handheld bar code scanning equipment
- Can be used with QBIT[™] PC interface software
- Offers real-time or batch-mode data transfer to a host mainframe or PC
- Can easily be attached to existing conveyor, or designed and operated as a stand-alone system
- Works at high speeds (over 600 feet [180 meters] per minute) to maximize throughput
- Can be set up to work in continuous flow or start/stop applications
- Interfaces directly with bar code scanning and scale equipment
- Features a modular design that allows straightforward installation and maintenance
- Uses sensing technology that is safe for both operators and package contents





CubiScan 200-XIR Specifications

Physical Specifications	
Length	4.0 ft max. parcel width: 10.5 ft (3.2 m) 5.0 ft max. parcel width: 13.0 ft (4.0 m) 6.0 ft max. parcel width: 15.5 ft (4.7 m)
Width	Width of recipient conveyor + 8.0 in (203 mm)
Height	3.0 ft max. parcel height: belt height + 48 in (1,220 mm) 4.0 ft max. parcel height: belt height + 60 in (1,524 mm)
Weight	30 - 50 lbs (14 - 23 kg)
Conveyor Height	Variable: Dependent on user requirements
Performance Specifications	
Operating Speed	30 - 600+ ft (10 - 183+ m) per minute
Measurement Range	
Length	1.0 in (25 mm) to 72 in (1,829 mm)
Width	1.0 in (25 mm) to 60 in (1,524 mm)
Height	1.0 in (25 mm) to 48 in (1,220 mm)
Measurement Increment	0.2 in (5 mm)
Required Package Interval	Variable: 1.5 x max. parcel width
Optional Scale:	
Weight Capacity	Variable
Weight Increment	Variable
Required Package Interval	Variable: Dependent on belt speed & parcel length
Other	
Measuring Sensor	Infrared emitter/receiver pairs
Weight Sensor - Optional Scale	Load cells
Data Output	EIA RS-232-C, bi-directional + LED overhead display (24 x 2 in)
User Interface	QBIT™ software (optional)
Power Requirements	95 - 250 VAC, 47 - 63 Hz
Conveyor Direction	One directional standard, bi-directional optional

Weights & Measures Compliance:
NMI (Australia)

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CubiScan® products incorporate technology protected by one or more of U.S. Patents 5,042,015, 5,105,392, 5,422,861, 5,606,534, 5,220,536, 5,636,028, 5,850,370, 6,049,836, 6,064,629, 6,298,009, 6,611,787, 6,850,464, 7,277,187 and D490,328 and corresponding international patents. Other U.S. and international patents are pending.

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CubiScan 200-XIR. Simplicity and flexibility—some valuable considerations in today's ever-increasing world of automation and technology. And, some valuable reasons why you should consider the CubiScan 200-XIR for your next conveyORIZED cubing application.

The built-for-speed CubiScan 200-XIR is ideally suited for applications that require parcel identification using handheld bar code scanning equipment. It works with parcels which are primarily cuboidal in nature, employing infrared emitter/receiver technology at a level just above the belt, allowing you to "see" a parcel's length and width. Height is assessed with a vertical infrared light curtain. This revolutionary yet simple sensing technique allows the CubiScan 200-XIR to be adapted around and installed directly onto your existing conveyor, thus negating the need to breach a belt and "drop in" a cubing system.

No conveying equipment at your facility? No problem. If you're starting from the ground up and need an in-motion cubing system that's functionally compatible with your existing operations, Quantronix can install a section of slider-bed belt conveyor with an XIR system attached. Weighing functionality can be added by including a separate, but integrated, in-motion conveyor or static dead-roller scale. Bar code scanning equipment can be included as well, giving you a complete turnkey cubing, weighing, and identification/tracking station.

The CubiScan 200-XIR is reliable and built to perform in the toughest industrial environments. It can measure freight in any orientation, comes in several standard dimensional capacities, and can be customized for a wide variety of project requirements. Best of all, the CubiScan 200-XIR is type-approved for legal-for-trade applications.

In addition to its speed, flexibility, and ease of use, the CubiScan 200-XIR is accurate and costs a fraction of the price of traditional conveyORIZED cubing systems. Simply put, the CubiScan 200-XIR is right on the money—it's an accurate and economical way to cube "on the fly."

CUBISCAN
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