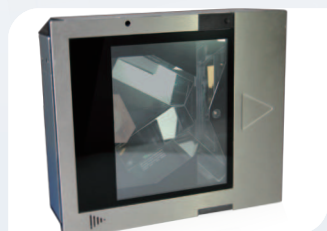# CASTOR C-5010

Introduction

The flattest horizontal scan solution!

The CASTOR is the high-performance food retail bar code scanner and the pearl under the horizontal scanners. Designed from a quality point of view, the CASTOR comes with a stainless steel top deck to ensure a long lifetime and with a metal housing.

The CASTOR is well protected against harmful interference from the moving belt's motor and against electrical static discharge from the operator.

With real vertical scan lines, the need to lift and tilt a product being scanned has disappeared and operator fatigue is reduced. Consequently, checkout efficiency increases.

Like all other Scantech scanners, the CASTOR is optimised for EAS integration and is compatible with today's market solutions.

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Features

- Flattest and most rugged retail bar code scanner optimized for horizontal scanning.
- Height is only 75 mm which ensures a flexible and ergonomic installation under all circumstances.
- Dense 5 – field, 15 lines scan pattern and scan rate of 1500 scans/second guarantees an excellent omni – directional bar code reading.
- No need to lift and tilt a product due to the real vertical scan lines.
- The Scantech ID STAR code reconstruction software allows easy reading of truncated, damaged and substandard bar codes.
- Standard auxiliary port for connecting other scanners. For example a hand held scanner to scan heavy or voluminous products.
- EAS compatible.

Specifications

Physical Characteristics

Depth	75 mm
Width	205 mm
Length	240 mm
Weight	2.5 kg
Cable	Straight 5 ft.

Electrical

Power Supply Voltage	100-240 V ac, 50/60 Hz
DC input to scanner	DC +12 V

Interfaces

	RS232, USB (USB HID, Virtual COM port), Keyboard Wedge, Powered USB

Scanner Characteristics

Light source	650 ± 10nm VLD
Depth of field	150 mm@EAN 0.33mm/13mil PCS@90%
Scan pattern	5 direction scan field, 15 lines scan pattern
Scan rate	1500 scans per second
Barcode types	GS1 DataBar,EAN/UPC/JAN including Add – On, Code 128, EAN128, Code 39, Code 32, Codabar, Interleaved 2/5

Compatibility

	EAS compatible

Environmental

Operating Temp	0°C – 40°C
Humidity	Relative humidity to 95% (non – condensing)

Safety

Laser Safety	IEC 825 – 1 (1993) Class I, U.S. 21CFR1040 Class IIa
Electrical Safety	EN 60950 (second edition) UL1950 (third edition), c – UL (according CSA22.2.950)
Radio and TV Interference	EN55022 Class B (1994), FCC part 15 Class A (1992)
Radio Frequency Immunity	EN 50082 – 1 (1992)
Harmonic Current Emissions	EN 61000 – 3 – 2 (1995)

Regulary of Compliance

CE, FCC and RoHs compliant CE

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