

Hyperion 1300g in ESD Safe Housing

Specifically designed to satisfy the strict requirements of clean rooms, static safe manufacturing environments, and any other situation that requires electro static discharge control, the ESD1300g is a versatile and exceptional performer as a linear imaging barcode scanner with ESD control. The rugged plastic housing is coated with a conductive material that eliminates the buildup of dangerous static charge on the scanner. The housing drains any charge on another object to which it comes in contact. The conductive paint is a polyurethane enamel with a two component gloss coating which provides superior durability and conductivity, as well as appearance.

Available in a corded model only, all surfaces of the scanner housing are electrically conductive to the scanner ground wire.

The finish is resistant to common solvents, hand moisture, body oils, IPA cleaning materials, lubricating and cutting oils, and hydraulic fluids.

ESD1300g

Solvent Resistant – resistant to hand moisture, body oils, chemicals, Lubricating and cutting oils, and hydraulic fluids.

Hardness – StaticPaint R (black) dries to a hardness of 2H. Taber abrasion CS 1Q7 wheel with 1000 gram weight, (2.2 lbs.) rubbed 1000 cycles, small rubbing of face material is not noticeable.

Static Paint – Gloss coating that provides superior appearance, conductivity and durability.



ESD Coated Housing – surface resistivity is less than 1,000,000 Ohms per square, insuring that areas of wear greater than 1 inch square, will still have a reduction of the conductivity to well below 10 to the 11th impedance.

Hyperion 1300G ESD Technical Specifications

Specifications

Performance:

Scan Pattern: Single Line

Motion Tolerance: 20 in (51 cm) per second

Scan Rate: Up to 270 Scans per Second

Print Contrast: 20% minimum reflectance difference

Pitch, Skew: 65°, 65°

Symbologies:

Decode Capabilities: Reads all standard 1D and GS1 Databar™ symbologies

Mechanical/Electrical:

Dimensions:

Length: 5.9 in. (150 mm)

Height: 4.4 in. (112 mm)

Width: 3.1 in. (79 mm)

Weight w/o cord: 5.6 oz. (160 g)

Input Voltage: 5 V ± 5 %

Operating Power: 1000mW; 200mA (typical) at 5V

Standby Power: 625mw; 125mA (typical) at 5V

Host System Interfaces: Multi-interface/includes RS232 (TTL +5V, 4 signals)/KBW/USB (HID Keyboard, serial, IBM OEM) RS-232C (± 12V) and IBM RS485 supported via adapter cable.

Environmental:

Temperature:

Operating: -0°C to 50°C (32° F to 122° F)

Storage: -40°C to +70°C (-40° F to 158° F)

Humidity: 0 to 95% non-condensing

ESD: Surface resistivity < 10,000,000 Ohms/sq.

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