



L: 150 mm; W: 112 mm; H: 79 mm

Features & Benefits:

- Superior Handheld Scanning
- High Versatility for Both 13 mil and High Density Barcodes
- Outstanding Durability
- Comfortable, Ergonomic Design

General Purpose, Handheld, Linear Imager

Featuring an ideal balance of performance, durability and ergonomics, the 1300G provides hassle-free scanning, especially in scan-intensive and aggressive scenarios.

The 1300G delivers outstanding linear imaging performance and versatility. Fast intuitive barcode reading out to 457mm (18 inches) on 13 mil barcodes and high density barcode reading are both enabled in a single device, eliminating the need to purchase specialty scanners.

The 1300G supports all popular interfaces, reducing the time consuming process of scanning programming barcodes with automatic interface detection and configuration. It also comes with scanner management software for a quick and convenient solution for IT administrators seeking to manage all scanners within their network from a single remote location.

The ergonomic design ensures operator comfort and productivity, with a gun-shaped form factor optimized for intensive handheld scanning.

With no moving parts to wear out, the 1300G is one of the toughest general duty scanners on the market. Designed to keep your operation running smoothly, the 1300G provides aggressive scan performance and durability in a general duty handheld linear scanner. The reliable design with no moving parts and full impact-resistant bumpers increases your up-time and reduces service costs.

Applications:

- Light Industrial



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Scan Performance	
Scan Pattern	Single line
Motion Tolerance	51 cm (20 inches) per second
Scan Rate	Up to 270 scans per second
Print Contrast	20% minimum reflectance difference
Pitch/Skew	65°, 65°
Decode Capabilities	Reads standard 1D and GS1 Databar symbologies
Warranty	5 year factory warranty
Mechanical/Electrical	
Dimensions	150 mm x 112 mm x 79 mm (5.9" x 4.4" x 3.1")
Weight	160 grams (5.6 oz.)
Input Voltage	5V +/- 5%
Operating Power	1000mW; 200mA (typical) @ 5V
Standby Power	625mW; 125 mA (typical) @ 5V
Host System Interface	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	
Operating Temperature	0° to 50°C (32° F to 122° F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	0 to 95% noncondensing
Drop/Tumble	Designed to withstand 50 drops on concrete from 1.5m
Environmental Sealing	IP451
Light Levels	0-70,000 lux (direct sunlight)
Typical Performance (Resolution: 3.0 mil. May be impacted by barcode quality and environmental conditions)	
Narrow Width	Depth of Field
5.0 mil	50 mm – 200 mm (2.0" – 8")
7.5 mil	40 mm – 300 mm (1.5" – 12")
10 mil	30 mm – 380 mm (1.0" – 15")
13 mil	10 mm – 460 mm (.5" – 18")
20 mil	30 mm – 660 mm (1.0" – 26")

ABOUT JADAK:

JADAK, a business unit of Novanta, is a market leader in machine vision, RFID, barcode, printing, and color and light measurement products and services for original equipment manufacturers. The company designs and manufactures embedded detection and analysis solutions that help customers solve unique inspection, tracking, scanning and documenting. The company is ISO 9001 and ISO 13485 registered.

Novanta is a trusted technology partner to OEMs in the medical and advanced industrial technology markets, with deep proprietary expertise in photonics, vision and precision motion technologies.

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