Handheld Linear CCD Reader

The HS-1 is a value level handheld barcode reader for reliable decode of linear barcodes in common applications such as printed black and white labels. Providing fast and accurate performance with minimal budget impact, the HS-1 is ergonomically designed for comfort and built to withstand multiple drops in harsh industrial environments.

The HS-1 is the ideal value level barcode reader for common barcode applications.

**Reading Capabilities**
The HS-1 reader can easily read any 1D barcode and many stacked symbologies, and excels at reading high contrast labels.

**Lightweight & Durable**
The lightweight and durable reader housing and cable feature a 6 foot (1.8 meter) shock approval rating to withstand multiple drops in high-use industrial applications.

**Easy Setup**
ESP software provides easy configuration of the HS-1, including read cycle and symbology setting.

**Flexible Communication**
HS-1 readers are available in 2 interface options: USB or RS-232.

**Application Examples**
- Inventory
- Electronics
- Life Sciences

**HS-1: At a Glance**
- Decodes/second: up to 230
- Read Range: 1.0 to 14.0” (25 to 356 mm)
- USB, RS-232 Interface Options

**ESP® Easy Setup Program:** Single-point software provides quick and easy setup and configuration of all Microscan readers.

For more information on this product, visit www.microscan.com.

**HS-1: Available Codes**

**Linear**
- All Standard

**Stacked**
- PDF417
- GS1 Databar
SAFETY CERTIFICATIONS DESIGNED FOR FCC, CE
ROHS/WEEE COMPLIANT
ISO CERTIFICATION
Issued by TÜV USA Inc, Member of TÜV NORD Group,
Cert No. 06–1080

Read Range and other performance data is determined using high quality Grade A symbols per ISO/IEC 15415 and ISO/IEC 15416 in a 25°C environment. For application-specific Read Range results, testing should be performed with symbols used in the actual application. Microscan Applications Engineering is available to assist with evaluations. Results may vary depending on symbol quality.

Warranty– Three year limited warranty on parts and labor. Extended warranty available.

COMMUNICATION PROTOCOLS
Standard Interface: USB, RS-232

READ PARAMETERS
Decode Rate: 230 decodes/second
Depth of Field: 2.8” to 3.5” (70 to 90 mm)
Ambient Light Immunity: Sunlight: Up to 278.7 ft-candles/3,000 lux

INDICATORS
Status Indicators: Audible tones, visual feedback with multi-color LED

ELECTRICAL
Power Requirements: 5 VDC (mA)
Typical: 240mA Peak: 750mA Idle: 95mA

MECHANICAL
Height: 6.3” (160 mm)
Width: 2.8” (68 mm)
Depth: 3.5” (88 mm)
Weight: 7.8 oz. (220 g), including cable

ENVIRONMENTAL
Operating Temperature: 0° to 50° C (32° to 122° F)
Storage Temperature: 20° to 60° C (-4° to 140° F)
Humidity: 20% to 85% (non-condensing)
Shock: Withstands drops of 6’ (1.8 meters) to concrete

SYMBOLOGIES
Stacked Symbologies: GS1 Databar, PDF417

LIGHT COLLECTION OPTIONS
Sensor: 2048 pixel CCD image sensor
Optics: 660 nm visible LED

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About BarcodesInc

Who We Are
BarcodesInc is North America's leading provider of specialized digital data hardware and software solutions. Our products include barcode scanners, mobile computing devices, identification card equipment, point-of-sale systems, barcode label and receipt printers, and consumables, all of which help customers improve productivity and profitability. Our product and solution experts have been serving both small businesses and large enterprises since 1994.

We Owe Our Success To You
It’s true that data tracking is our expertise - but customer satisfaction is our true passion. We have one overriding objective: focus on you, the customer. We understand that each customer’s need is unique. That’s why we listen carefully and tailor our solutions to meet your needs. We appreciate the opportunity to serve you and strive to exceed your expectations!

Why Choose BarcodesInc?

Dedicated Account Manager
Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

Highly-Trained Technical Support
Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

Incredible Value
Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

Largest Inventory in the Industry and Same-Day Shipping
Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the same day.

Premier Access to Top Manufacturers
BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

Responsive Customer Service
Every phone call and email is responded to promptly, completely and accurately by our customer service team.

Easy Returns
Damaged, defective or incorrectly ordered goods may be returned without hassle.