

- Lifetime Product Support
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POSGuys.com

POINT OF SALE SUPERSTORE

POSGuys.com UltraScan Review

Product: UltraScan

Manufacturer: POSGuys.com

Type: Linear Laser Hand Scanner

Support: 1-Year warranty and lifetime support from POSGuys.com

The POSGuys.com UltraScan barcode scanner is our lower-cost alternative for businesses wanting laser barcode scanner accuracy but are on a budget.

Typical uses and environments:

The aggressive scan engine and ergonomic design make the UltraScan an ideal fit for low to medium volume retail locations.

Unique Features & Advantages:

Rather than use a spinning mirror to spread the laser across a barcode, the UltraScan uses a prism which diffuses the beam linearly, eliminating moving parts and increasing the durability of the barcode scanner.

Standard Features:

The UltraScan comes with USB interface only, and ships with cable and configuration manual. A blue LED above the POSGuys.com illuminates both when the scanner is connected and when it successfully scans a barcode.

Drawbacks:

The only drawback we have found with the UltraScan is the lack of stand and autosense mode. This makes the scanner only useful as a handheld, single use scanner. For high volume locations, we recommend the UltraScan as a supplement to a faster presentation scanner.

Performance Testing:

To determine the scanning capabilities of the UltraScan, we ran it through a battery of tests designed to show the optimum scan range, light resistance, ability to scan dense, wide, damaged, or multi-colored barcodes, as well as damage resistance. Our tests showed the UltraScan to be a solid and dependable barcode scanner for a wide variety of retail environments.



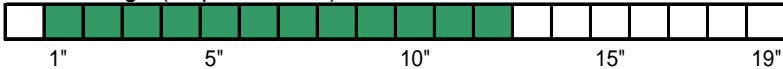
The optimal scan range for the UltraScan is from 1 to 12 inches for 100% UPC barcodes, great for most retail environments. We were also able to accurately read a 100 mil reflective barcode from about 7 feet away, which, while not as useful for retail, really shows the scan engine's capability. Our test unit was able to scan barcodes as dense as 4.9 mil, and barcodes as wide as 4 inches, giving it a wide range of capabilities for retail environments, including salons or electronics shops, where barcodes aren't always standard size.

The combination of light components and non-moving parts gives the UltraScan added durability, and our testing revealed the extent of its strength. Our test unit survived all the way through 4 drops of 13 feet to concrete, as well as being stepped on by one of our employees, with only minor superficial damage to the body. As such, we feel confident that the UltraScan would be a good fit even in rougher retail environments, such as nurseries or hardware stores.



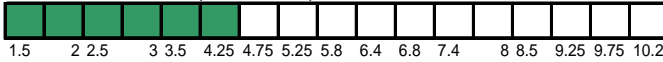
Scanner Performance Testing

Scan Range (Depth of Field)



Excellent Scan Range
for retail environments

Wide Barcodes (In Inches)



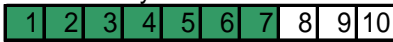
Scans well above standard
retail/light industrial sizes

High Density Barcodes (In Mil)



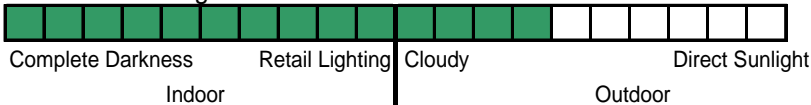
Standard range for retail
and industrial barcode density

Poor Quality Barcodes*



Could read almost every damaged
barcode. Good for retail use

Resistance to Light



Works well in all conditions
aside from direct sunlight

1D Results

Highest Density Barcode Scanned	4.9mil	Good
Widest Barcode Scanned	107.95 mm	Average
Shortest Barcode Scanned	38 mm	Good
Range Ideal Conditions (Standard 100% UPC-A)	1 inches – 12 inches	Good
Scratched Barcode	2 of 3	Good
Worn Barcode	2 of 3	Good
Warped Barcode	2 of 2	Good
Curved Barcode	1 of 2	Good
Multiple Barcodes in close proximity	Dependent on distribution of barcodes and proficiency with aiming	Average
Scan through plastic layers	4 Layers	Good
Multicolored Barcodes Successfully Scanned	Blue, Grey, Black on Brown, Orange	Good
Multicolored Barcodes Not Scanned	Red, Yellow, Black on Dark Grey	Average
Simulated Sunlight Test	Correct scans until spotlight was at 5", difficulty under direct sunlight	Average

Conclusion:

The POSGuys.com UltraScan is a good low cost barcode scanner for a variety of retail environments. Though not as fully featured as the competition, it does more than enough for day-to-day general barcode scanning.

To Purchase this product, go to the [POSGuys.com UltraScan](#) page.

For Additional Reviews, visit our [Product Reviews](#) page.

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