

# FUZZYSCAN A560

## 2D Handheld Imager



### Best value 2D handheld imager for retail and commercial applications

Specifically built to satisfy the increasing demands of 2D barcodes scanning in the most cost-sensitive retail and commercial segments, the FuzzyScan A560 delivers superior reading performance with stylish and durable design. Complemented with a host of value-added features, the A560 reduces your total cost of ownership while empowering workers to improve operational efficiencies. The A560 offers outstanding value for money that fits your budget perfectly.

- Reads most challenging and problematic barcodes
- Superior first-time read
- Reads barcodes shown on smart phone screens
- Withstands drops from 1.6m onto concrete
- Sharp green aimer for easy focusing of barcodes
- Rich audio and visual feedback
- Optional vibrator for tactile confirmations
- Supports multilingual data output
- Single scan configuration with the iCode
- Advanced data processing with DataWizard
- Cost-free security with Security Plus

### No Compromise on Performance

The A560 delivers superior reading performance to capture various challenging barcodes that are presented at checkout counter. Its multilingual output capability fulfills more scanning requirements to broaden the range of your business.

#### Capture most real-world barcodes

Powered by FuzzyScan imaging platform, the A560 rapidly scans paper labels, membership cards, and many problematic barcodes encountered in practice, including distorted, soiled, damaged barcodes as well as barcodes shown on smart phone screens.

#### Superior reading range

The A560 provides superior reading range and snappiness. It's capable of reading high density barcode from near contact, and capturing 13mil UPC/EAN from 13.9" far away. The point-and-shoot intuitive and snappy reading experience makes it ideal for diverse retail and commercial applications.

#### Output data in diverse languages

Cino 2D scanners support the output of multiple languages, including languages like Arabic, German, Greek, Russian, Turkish, and more. The Asian languages such as simplified Chinese, traditional Chinese, Japanese, and Korean are also covered. This enables users around the world to use their own languages, removing linguistic barriers and expanding business horizons.

### Enhanced User Experience

Every FuzzyScan scanner is built with the user in mind without exception. The scanner is loaded with rich user interfaces and practical features that take user's scanning experience to the next level.



## FUZZYSCAN DNA

### Stylish, ergonomic and durable

Built on lightweight shaver-shape form factor, the A560 merges style and ergonomics. This makes it easily blend into any commercial decor while minimizing user fatigue during repetitive tasks. It is durable enough to withstand 1.6m drops onto concrete. Its solid construction provides a degree of protection.

### Sharp green aimer for rapid targeting of barcodes

The A560 provides clear green aimer. The “green round spot” LED beam provides high visibility, helping users aim the barcode faster with greater accuracy.

### Rich user feedbacks

This barcode scanner contains a programmable beeper with adjustable sound volume. Its crystal clear LED indication light provides conspicuous indication. Along with the optional vibrator, these sensory feedbacks work in concert to promote a greater scanning experience.

### Optional vibrator for quiet or noisy environments

An optional vibrator is available, offering tactile confirmation of good reads. It is ideal for places where the scanner's beeps might be disruptive, such as a library. Vibrations may also be preferable in environments where beeping sounds may be drowned out by loud noises, e.g. manufacturing plant.

## Value Beyond Measure

FuzzyScan DNA is a collection of unique features that come with every Cino imagers at no additional cost. It delivers exceptional value beyond barcode scanning. Aside from the exclusive FuzzyScan imaging technology, Cino's scanners provide the following distinctive features to elevate user's experience:

### DataWizard

DataWizard is a unique feature to perform advanced data formatting and complex data processing.

### iCode

The iCode feature is a macro command barcode that allows one-step configuration with a single scan.

### Multilingual Edge

Multilingual Edge is a useful feature that enables data output in your desired language.

### Smart Scene

Smart Scene offers a choice of several preset configurations for various application scenarios to achieve optimal scanning performance.

### Security Plus

Security Plus is a user-defined security mechanism that prevents the access of unauthorized barcode scanners.

### FuzzyScan Enabling Solution

FuzzyScan Enabling Solution is a suite of software utilities that enables easy integration, management, and deployment of scanners.

# SPECIFICATIONS

## Performance Characteristics

Image Sensor	640 x 480 Pixels
Print Contrast	20% minimum reflectance difference
Light Source	Aiming Pattern: circular 625nm green LED Illumination: 523nm red LED
Imager Field of View	36° H x 27° V
Minimum Resolution	3 mil Code 39, 5 mil DataMatrix
Reading Range <sup>*1</sup>	13 mil UPC/EAN up to 13.9"
Roll, Pitch, Skew	Roll: 360°; Pitch: ± 70°; Skew: ± 50°
Configuration Setup	FuzzyScan iCode FuzzyScan Barcode commands FuzzyScan PowerTool FuzzyScan Serial Command
Data Processing	DataWizard
Host Interfaces	USB HID (USB Keyboard) USB VCOM (USB COM port emulation) USB OEM POS Standard RS232

## Physical Characteristics

Dimensions	165.0 mm (L) x 64.7 mm (W) x 38.7 mm (D) 6.50 in. (L) x 2.55 in. (W) x 1.52 in. (D)
Weight	106g (cable excluded)
Color	Classic Black, Ivory White
Operating Voltage	5VDC ± 10%
Operating Current	Operating : Typical 285mA @ 5VDC Standby : Typical 185mA @ 5VDC

1. The Reading Range are measured under Cino's test environmental condition.
2. Codablock F, Code 49, Han Xin Code, and DotCode are available upon request.
3. Don't stare into the LED beam.
4. MICRE13B, US Currency are available upon request.

## Supported Symbolologies

1D Linear Codes	Code 39, Code 39 Full ASCII, Code 32, Code 128, GS1-128, Codabar, Code 11, Code 93, GS1 DataBar, Standard & Industrial 2 of 5, Interleaved & Matrix 2 of 5, IATA, UPC/EAN/JAN, UPC/EAN/JAN with Addendum, Telepen, MSI/Plessey & UK/Plessey
2D Codes <sup>*2</sup>	PDF417, Micro PDF417, Composite Codes, DataMatrix, MaxiCode, QR Code, MicroQR, Aztec, Codablock F, Code 16K, Code 49, Chinese Sensible (Han Xin) Code
Postal Codes	Australian Post, US Planet, US POSTNET, Japan Post, Posi LAPA 4 State Code, German Post, British Post, Intelligent Mail, Korean Post, Dutch KIX Post, China Post
OCR <sup>*4</sup>	OCR-A/B, MICR-E13B, US Currency Serial Number

## User Environment

Drop Specification	Withstand multiple 1.6m/5.2ft. drops to concrete
Environmental Sealing	IP 41
Operating Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Humidity	0% to 95% relative humidity, non-condensing
Ambient Light Immunity	0 ~ 100,000 lux
ESD Protection	Functional after 15KV discharge

## Safety & Regulatory

EMC	CE, UKCA, FCC, BSMI, RCM, KC, VCCI
Safety <sup>*3</sup>	LED Eye Safety IEC 62471/EN 62471, Exempt Group
Environmental	Compliant with RoHS 2.0 and REACH

## Accessories

Cables	RS232 Serial Cable USB-A Cable USB-C Cable USB Power Cable
Others	5VDC Power Supply Unit US50 Hands-Free Stand Universal Holder

