

## FUZZYSCAN F560

### 1D Handheld Imager



### A lightweight, ergonomic imager that delivers speed and performance

Powered by FuzzyScan imaging technology, the F560 easily captures a variety of 1D and stacked barcodes, whether they appear on paper, plastic or digital screens. It is light in weight and ergonomically designed, offering users a high-level comfort all shift long. Move your business efficiency towards the right direction with Cino's F560.

- Supports PDF417 and Composite Codes
- Reads various challenging and problematic barcodes
- Reads electronic barcodes from smartphone screens
- Withstands drops from 1.6m to concrete
- Clear audio and visual feedback
- Optional vibrator for tactile confirmations
- Configuration can be done through iCode
- Advanced data formatting with DataWizard Premium
- System security development using DataWizard Premium

### Scan All Your Needs

#### Tackle Stacked Symbolologies

F560 is designed to scan a vast array of 1D and stacked symbolologies, whether displayed on paper, plastic or electronically. Stacked-linear barcodes that can be read by the scanner include PDF417, GS1 Databar Stacked, and composite codes.

#### Ready for Challenges

Empowered by the FuzzyScan imaging platform, this scanner is primed to read various challenging and problematic barcodes. For example, poor quality, distorted, dirty, damaged, and overwrapped barcodes, as well as electronic barcodes on dimly-lit displays.

#### One Tool for Different Jobs

F560 delivers superior readings on high-density barcodes, in addition to exceptional scan range on regular barcodes. Its performance and capabilities make it a versatile scanner that is well-suited for diverse applications.

### Enhanced User Experience

#### Sharp Aimer for Rapid Targeting

The scanner's sharp LED beam helps users aim faster and with greater accuracy. F560 also projects a bright red illumination that allows for rapid barcode captures, even under low ambient lighting.

#### Clear Audio and Visual Feedbacks

This barcode scanner contains a programmable beeper with adjustable sound volume. Its LED lights provide conspicuous, multi-color indications. Along with the optional vibrator, these sensory feedbacks work in concert to promote a greater scanning experience.



Retail



Commercial



Hospitality

## 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 or in hospital rooms where patients are resting. Vibrations may also be preferable in environments where beeping sounds may be drowned out by loud noises, e.g. manufacturing plant.

## Stylish, Ergonomic and Durable

F560 merges style and ergonomics without compromising performance. The handle provides a natural grip that minimizes user fatigue during repetitive tasks. Its smooth outline is aesthetically pleasing and sure to complement professional decors. Furthermore, this imager's solid housing allows it to withstand 1.6-meter drops to concrete, offering a high degree of protection.

## Value Beyond Measure

### Simplified Configuration Process

The iCode is a configuration barcode. It can be embedded with more than one command, thereby enabling the simultaneous change of numerous parameters. Instead of configuring their Cino imagers with multiple barcodes, users can achieve the same results with a single iCode.

Simply choose your desired settings in the FuzzyScan PowerTool, and click on the "iCode" button to generate a comprehensive barcode that embodies them all.

### Customized Functionalities

DataWizard Premium lets you write data or security scripts which can then be used to program Cino scanners for customized tasks. The script language is similar to BASIC and easy to learn for experienced programmers.

This exclusive feature is included in the FuzzyScan PowerTool and offered to Cino clients without extra charge.

### Advanced Data Formatting

Through data scripts, your scanners can be programmed for intricate formatting duties that would otherwise be assigned to the host device. For example: parsing raw data from driver licenses, adding preambles or postambles, and more.

### System Security

Set your host system to prompt scanners for a validation key before allowing connection. Develop a security script containing the validation key and install this script on approved scanners. This will prevent random scanners from accessing the host system.

# SPECIFICATIONS

## Performance Characteristics

|                     |                                                                               |
|---------------------|-------------------------------------------------------------------------------|
| Optical System      | High performance linear imaging engine                                        |
| Print Contrast      | 20% minimum reflective difference                                             |
| Light Source        | 630nm LED                                                                     |
| Minimum Resolution  | 3 mil (Code 39, PCS 0.9)                                                      |
| Reading Range *1    | 13 mil (0.33mm) UPC/EAN More than 13"<br>20 mil (0.5mm) Code 39 up to 18"     |
| Scan Rate           | Dynamic scanning rate up to 300 scans per second                              |
| Reading Direction   | Bi-directional (forward and backward)                                         |
| Pitch / Skew / Tilt | ±65° / ± 65° / ± 55°                                                          |
| Host Interfaces     | USB HID (USB Keyboard)<br>USB VCOM (USB COM port emulation)<br>Standard RS232 |
| Configuration Setup | Command barcodes<br>iCode<br>FuzzyScan PowerTool                              |
| Data Editing        | DataWizard Premium                                                            |

## Physical Characteristics

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Dimensions        | 165.0 mm (L) x 64.7 mm (W) x 38.7 mm (D)<br>6.50 in. (L) x 2.55 in. (W) x 1.52 in. (D) |
| Weight            | 106g (cable excluded)                                                                  |
| Color             | Light Gray or Black                                                                    |
| User Interfaces   | Blue LED indications<br>Programmable beeper<br>Optional vibrator                       |
| Operating Voltage | 5VDC ± 10%                                                                             |
| Operating Current | Operating : Typical 170 mA @5VDC<br>Standby : Typical 75 mA @5VDC                      |

1. The Reading Range are measured under Cino's test environmental condition.
2. Don't stare into the LED beam.

## Supported Symbolologies

|                 |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1D Linear Codes | Code 39, Code 39 Full ASCII, Code 32, Code 39 Trioptic<br>Code 128, GS1-128, Codabar, Code 11, Code 93<br>Standard & Industrial 2 of 5, Interleaved & Matrix 2 of 5<br>German Postal Code, China Postal Code, IATA<br>UPC/EAN/JAN, UPC/EAN/JAN with Addendum<br>Telepen, MSI/Plessey & UK/Plessey<br>GS1 DataBar (formerly RSS) Linear & Linear Stacked |
| Linear-stacked  | PDF417, Micro PDF417, Codablock F, Composite                                                                                                                                                                                                                                                                                                            |

## User Environment

|                        |                                                  |
|------------------------|--------------------------------------------------|
| Drop Specifications    | Withstand multiple 1.6m/5.2ft. drops to concrete |
| Environmental Sealing  | IP41                                             |
| 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               | 5% to 95% relative humidity, non-condensing      |
| Ambient Light Immunity | 0 ~ 80,000 lux                                   |
| ESD Protection         | Functional after 15KV discharge                  |

## Safety & Regulatory

|               |                                       |
|---------------|---------------------------------------|
| EMC           | CE, FCC, BSMI, RCM, KC, VCCI          |
| Safety *2     | LED Eye Safety IEC62471, Exempt Group |
| Environmental | Compliant with RoHS directive         |

## Accessories

|               |                                                               |
|---------------|---------------------------------------------------------------|
| <b>Cables</b> | RS232 Serial Cable<br>USB Cable<br>USB Power Supply Cable     |
| <b>Others</b> | US100 SmartStand<br>US50 Hands-free Stand<br>Universal Holder |

