

FUZZYSCAN A660

2D Handheld Imager



An affordable barcode scanner for retail and commercial applications

The A660 handheld scanner is built to deliver maximum value. Its versatility and affordable pricing make it a tool of choice for retail applications, as well as general use. Supported by Cino's advanced imaging platform, it rapidly scans barcodes from product labels, membership cards, and electronic coupons, whether 1D or 2D. The A660 is a highly cost-effective option that will fit any budget!

- Reads most challenging and problematic barcodes
- Reads electronic barcodes from smartphone screens
- Superior first-time read
- Omni-directional scanning
- Clear audio and visual feedback
- Optional vibrator for tactile confirmations
- Withstands drops from 1.8m onto concrete
- Supports multilingual data output
- Single scan configuration with the iCode
- Advanced data processing with DataWizard Premium
- Cost-free security with Security Plus

No Compromise on Performance

The A660 not only brings exceptional reading performance, but can also output data in numerous languages to cover a vast range of scanning requirements. It boosts up your return on investment.

Capture Most Real-World Barcodes

Supported by the latest imaging technology, this scanner captures a wide range of 1D and 2D barcodes, as well as a myriad of problematic items that are often encountered by businesses, for example: distorted, soiled, or damaged labels, barcodes on curve or reflective surface, electronic coupons on smartphone screens with poor lighting.

Output Data in Diverse Languages

Cino 2D scanners support the output of multiple languages, including single-byte languages like Arabic, German, Greek, Russian, Turkish, and more. Double-byte Asian languages such as Chinese, Japanese, and Korean are also covered. Remove your language barriers and expand your business horizons with multilingual output capabilities.

Enhanced User Experience

Designed with users in mind, the A660 is equipped with practical and user-friendly features to enhance your scanning experience.

Simple and Intuitive Scanning

This model allows for omni-directional reading, which makes it easy and fun to use. No need to pre-align your scanner with the barcode. Simply point, scan and you're good to go! Thanks to this feature, scanning becomes highly intuitive and effortless.



Retail



Commercial



Hospitality

Sharp Aimer for Rapid Targeting

The scanner's "round spot" LED beam helps users aim faster and with greater accuracy. A separate background light is also projected to further expedite data capture; this bright red illumination is particularly useful when ambient light is low.

Clear Status Indications

Equipped with a loud beeper and multi-color LED lights, this scanner provides the status information you need through conspicuous feedback. An optional vibrator is available to deliver tactile indications if silent signals are preferred, or when loud background noises make it difficult to hear the scanner's beeping.

Stylish, Ergonomic and Robust

Combining style, ergonomics and robustness, this model provides an outstanding user experience on all levels. Elegant in appearance, it will easily blend into any commercial décor. The scanner's sleek handle is ergonomically designed to afford a natural, comfortable grip all shift long. Furthermore, its robust enclosure can withstand 1.8-meter falls onto concrete, granting a high degree of protection against unintentional drops.

Value Beyond Measure

Cino offers a host of innovative technologies to enhance A660's usability, flexibility and diversity. It brings exceptional value to unleash your productivity.

Single Scan Configuration

The iCode is a configuration barcode designed to simplify and accelerate your setup process. It can be embedded with several commands, thereby allowing the simultaneous change of numerous parameters. Instead of configuring their Cino scanners with multiple barcodes, users can achieve identical results with a single iCode.

Powerful Data Processing

DataWizard Premium enables Cino scanners to execute complex formatting and processing actions through user-developed scripts. For example: parsing the information captured from a driver's license, adding a prefix or suffix to data prior to output, and populating GS1 barcode data in the format or sequence required by your host software.

Cost-Free Security

Security Plus guards your host application by restricting its access to authorized FuzzyScan scanners. This powerful safety feature defends against unwanted scanner connections with the help of user-defined algorithms. Security Plus is available to Cino clients at no extra cost, offering protection and peace of mind.

Specifications

Performance Characteristics

Image Sensor	640 x 480 Pixels
Print Contrast	20% minimum reflectance difference
Light Source	660nm LED
Imager Field of View	36° H x 27° V
Minimum Resolution	3 mil Code 39, 5 mil DataMatrix
Reading Range ^{*1}	13 mil UPC/EAN up to 15.6"
Roll, Pitch, Skew	Roll: 360°; Pitch: ± 75°; Skew: ± 65°
Motion Tolerance	Up to 627 cm/s (247 in/s)
Configuration Setup	FuzzyScan Barcode commands FuzzyScan iCode FuzzyScan PowerTool
Data Processing	DataWizard Premium
Host Interfaces	USB HID (USB Keyboard) USB VCOM (USB COM port emulation) Standard RS232

Physical Characteristics

Dimensions	97.0 mm (L) x 65.0 mm (W) x 156.0 mm (D) 3.81 in. (L) x 2.55 in. (W) x 6.14 in. (D)
Weight	135g (cable excluded)
Color	Black, Light Gray
User Feedback	LEDs for power, good read, and status Programmable beeper Optional vibrator
Operating Voltage	5VDC ± 10%
Operating Current	Operating : Typical 310 mA @5VDC Standby : Typical 210 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 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	PDF417, Micro PDF417, Codablock F, Code 16K, Code 49, Composite Codes, DataMatrix, MaxiCode, QR Code, Aztec, MicroQR
Postal Barcodes	Australian Post, US Planet, US Postnet, Japan Post Posi LAPA State Code

User Environment

Drop Specifications	Withstands multiple drops from 1.8m (6ft) to concrete
Environmental Sealing	IP42
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 ~ 100,000 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

Cables	RS232 Serial Cable USB Cable USB Power Supply Cable
Others	5VDC Power Supply Unit US100 Smart Stand US50 Hands-Free Stand Universal Holder