cino®

FUZZYSCAN A660BT
2D Cordless Imager

An affordable cordless barcode scanner for retail and commercial applications

The A660BT wireless 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. Empowered by the FuzzyScan imaging platform, it quickly reads barcodes from product labels, membership cards, and electronic coupons, whether 1D or 2D. Moreover, the A660BT's cordless capability allows for complete freedom when scanning. This Bluetooth scanner is user-friendly, easy to deploy, cost-effective, and suitable for budgets of any size!

- Integrated with the latest Bluetooth wireless technology
- Instant cordless solution via the smart cradle or dongle
- Wireless range of over 100m with the smart cradle or dongle
- Works with various Android and iOS devices
- Batch Scanning for simple stocktaking
- Reads most challenging and problematic barcodes
- Reads electronic barcodes from smartphone screens
- Withstands drop from 1.8m to concrete
- Optional vibrator for tactile confirmations
- Supports multilingual data output

Exceptional Mobility

Integrating Bluetooth wireless technology, the A660BT offers the convenience of cordless operation. It changes the way you work with more agility and productivity.

Instant Cordless Migration

This scanner can be paired with Cino's smart cradle or smart dongle, both of which are Bluetooth-enabled and possessing a communication range of over 100 meters. These accessories serve to provide an instant cordless solution when your host device lacks wireless capabilities. Under PICO mode, the smart cradle and the smart dongle can each support up to 7 scanners at once. This practical feature allows you to centralize the data transfer process, gathering multiple connections onto a single base.
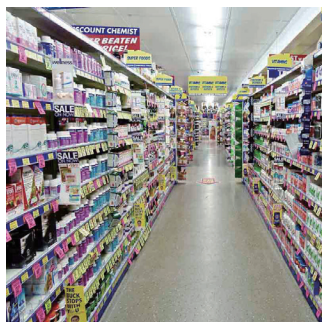
Flexible Connectivity

In addition to smart cradle and smart dongle solutions, the A660BT can be easily paired with a wide range of Bluetooth-enabled mobile devices to meet diverse requirement of wireless connectivity, such as Windows, iOS, Android smart phones or tablets. Pairing can be done in HID or SPP mode.

Practical Operation Modes

The A660BT supports online scanning, batch scanning and validation scanning. With it, you can perform reliable real-time barcode scanning at the point of activity, simple data collection and useful data validation. Different operation modes help users fulfill various applications.

- Single scan configuration with the iCode
- Advanced data processing with DataWizard Premium
- Cost-free security with Security Plus

Retail

Commercial

Hospitality

"On-the-Spot" Data Transmissions

When set to "Online Scanning" mode, this model will send captured data to its host device immediately after each scan. If the "Out-of-range scanning" function is enabled, it can retain up to 5,000 scans of EAN barcodes after losing radio connection with the host device. Upon reconnection, the scanner will automatically send out all stored data.

Efficient Stocktaking

"Batch Scanning" mode can be selected for inventory work. Barcode data is held in memory after each scan, and will be sent as a batch when transmission is activated. 100,000 scans of EAN barcode can be stored under this mode. Quantity value and time-stamp may be added to data immediately following capture.

Data Verification Made Easy

"Validation Scanning" mode enables the scanner to record master data, and compare it against information that is subsequently captured. Should they not be a match, warning beeps will be emitted. This mode is useful for data validation tasks, such as shipping & receiving, and order picking.

No Compromise on Performance

The A660BT 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 A660BT 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.

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.

DataWizard Premium

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.

Power that Lasts

Thanks to an efficient power management system, users get the maximum number of scans per charge. Depending on usage, a full charge can be sufficient for a whole day's work. Battery status is available with a simple scan of the relevant command barcode. These practical features will help you focus on the tasks at hand, and not on the next recharge.

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 A660BT'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 at no extra cost, offering protection and peace of mind.

SPECIFICATIONS

Performance Characteristics

Image Sensor	640 x 480 Pixels
Print Contrast	20% minimum reflectance
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

Electrical Characteristics

Battery	3.7V, 2600mAH Li-ion rechargeable battery
Battery Charge Time	Approx. 4-5 hours per full charge
Scans per full Charge	More than 63,000 scans and transmissions
Operating Voltage	5 ± 10% VDC
Operating Current	Charging: Max.330 mA Standby: Max.80 mA (Scanner with Smart Cradle)

Communication Characteristics

RF Standard	Bluetooth v4.0
RF Frequency Band	2.402~2.4830 GHz unlicensed ISM band
Radio Link Modes	PAIR, PICO, SPP, HID
Communication Range	More than 100 meters in open space when working with Smart Cradle or Smart Dongle, line of sight
Supported Profiles	SPP, HID

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	200g (Battery included)
Color	Black, Light Gray

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

Supported Symbologies

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, MicroQR, Aztec
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 ~ 106,000 lux
ESD Protection	Functional after 15KV discharge

Safety & Regulatory

EMC & Radio	CE, FCC, BSMI, RCM, KC, NCC, VCCI, MIC, SRRC
Safety *2	LED Eye Safety IEC62471, Exempt Group
Environmental	Compliant with RoHS directive

Accessories

Smart Cradle

RF Standard	Bluetooth v4.0
Battery charging	Fast charge
User Interfaces	1 blue link indicator, 2-color status indicator Beeper, Paging / Reset button
Host Interfaces	USB HID (USB Keyboard) USB VCOM (USB COM port emulation) Standard RS232

Charging Cradle

Battery charging	Fast charge
User Interface	1 blue power indicator

Interface Cables	RS232 Serial Cable USB Cable
Others	SD112 Bluetooth Smart Dongle 5VDC Power Supply Unit USB Power Cable BT2100 Battery Pack (2600mAh) US100 SmartStand US50 Hands-Free Stand