AIDA 9362-VB

An unique WiFi barcode scanner for enterprise wireless connectivity

AIDA 9362-VB WiFi barcode scanner creates a leap in efficiency and productivity. It can be easily integrated into an existing enterprise wireless network infrastructure with minimum effort. Through the perfect collaboration of 2" color display, virtual keyboard and integrated keypads, the user not only can confirm the accuracy and the successful transmission of scanned data, but also can manipulate the configurations and data-entry with ease. The AIDA WiFi barcode scanner is the most cost-effective solution to fulfill various applications which need reliable and expandable wireless connectivity

AIDA

Enterprise-class 802.11b/g wireless connectivity

Supports latest wireless LAN security: WEP, WPA and WPA2

Built-in 2" crystal clear color display, two function keys and a navigation key

Useful virtual keyboard is available to fulfill comprehensive alphanumeric data entry

Host acknowledgement function guarantees the data integrity for online real-time transmission

Optional multi-data fields and transmission sequence are available for batch operation

Time-stamped feature is available for batch scanning

Ultra long range model and laser image model are available

A long-lasting battery and advanced power management support up to 8-hour a full shift
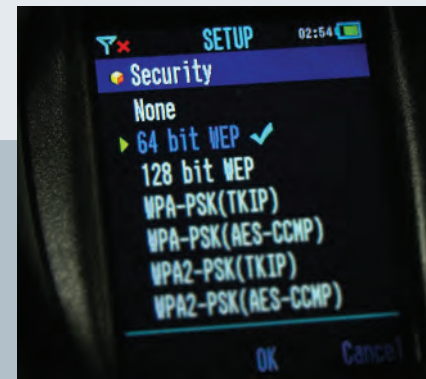
Exceptional ROI

The WiFi scanner can be easily integrated into an existing enterprise wireless network infrastructure with minimum effort. It not only reduces capital expenditures but also improves the return on investment.

Reliable and secure data transmission

In addition to conventional WEP security, the advanced WPA and WPA2 security are supported. This prevents unauthorized access to ensure reliable and secure wireless transmission.

Exceptional confidence and visibility

The 2" color QVGA LCD provides a clear display for scanned data under different ambient lighting conditions. The user can verify the scanned data on the point of activity, putting an end to blind data collection. It also allows the ease of use on menu-driven configurations and data-entry.

Enterprise Wireless Solution

Advanced Security

Color Display

Choice of ultra long range model or laser image model

The ultra long range model is capable of reading 13 mil UPC/EAN barcode up to 24" as well as 3" high density barcode. The laser image model combines the advantage of sharp laser aiming line and linear imager.

Long-lasting power supports a full shift

For mobility solution, it's essential to support up to a full shift to avoid wasting time and efficiency by changing the battery. The smart power management performs outstanding power saving to maximize the long-lasting Li-ion battery power, providing up to eight hours of continuous operation.

Useful tool for simple barcode validation

The barcode validation tool is useful for user to make simple barcode validation, such as barcode type identification, quality, PCS and quiet zone check.

Two Models Available

Power Management

Validation Tool

Easy and quick manipulation

The WiFi scanner is equipped with two function keys and a 5-way navigation key. It's very convenient for user to manipulate the operation. This will streamline the workflow and increase employee productivity.

More accurate and efficient data capture

The virtual keyboard allows user to make alphanumeric data entry at the point of activity. This enables user make immediate input or correction on unreadable bar codes or incorrect scanned data.

Reliable real-time data transmission

In on line scanning, the scanned barcode is decoded and transmitted from the point of capture to the remote host through WiFi connectivity immediately. If you would like to have more reliable data transmission, the "Host Acknowledgement" feature guarantees the scanned data is received by the host successfully.

Simple and cost-effective data collection

The WiFi scanner can store the scanned data into the memory storage. You can upload all data to the host at once when you complete the whole batch scanning process. Furthermore, optional multi-data fields and transmission sequence are available to meet various host applications.

Keypads

Virtual Keyboard

On Line Scanning

Batch Scanning

SPECIFICATIONS

Performance Characteristics

Optical System	High performance Linear Imaging Engine
Print Contrast	20% minimum reflective difference
Minimum Resolution	Typical 3 mil (Code 39, PCS 0.9)
Working Distance [1]	More than 24 inches on 100% UPC/EAN symbols
Light Source	630nm visible red LED
Scan Rate	Dynamic scanning rate up to 500 scans per second
Reading Direction	Bi-directional (forward and backward)
Pitch/Skew/Tilt	± 65˚/65˚/55˚
Operating Mode	Trigger
Configuration Setup	On scanner Windows utility - FuzzyScan PowerTool
Data Editing	Condensed DataWizard via bar code command Full-feature DataWizard via FuzzyScan PowerTool
User Interfaces	2-inch QVGA color display with backlit 2 function keys, one 5-way navigation key Blue link indicator and 2-color status indicators Programmable beeper Optional vibrator

Electrical Characteristics

Battery	3.7V, 2200mAH Li-ion rechargeable battery
Battery Charge Time	Approx. 4-5 hours per full charge
Scans per full Charge	TBD

Communication Characteristics

RF Standard	IEEE 802.11b/g
RF Frequency	Country dependant; Typical 2.4 to 2.5 GHz
Operating Modes	Infrastructure mode, Ad-hoc mode
Communication Range	More than 150 meters in open space
Security	WEP, WPA, WPA2

Supported Symbologies

1D Linear (AIDA 9362-VB)	Code 39, Code 39 Full ASCII, Code 32, Code 39 Trioptic Code 128, UCC/EAN-128, Codabar, Code 11, Code 93 Standard & Industrial 2 of 5, Interleaved & Matrix 2 of 5 German Postal Code, China Postal Code, IATA UPC/EAN/JAN, UPC/EAN/JAN with Addendum Telepen, MSI/Plessey & UK/Plessey GS1 DataBar (formly RSS) Linear & Linear Stacked
Linear-stacked (AIDA 9362-VB)	PDF417, Micro PDF417, Codablock, Composite

User Environment

Drop Specifications	Withstand multiple 1.8m/6ft. 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% related humidity, non-condensing
Ambient Light Immunity	0 – 100,000 lux

Physical Characteristics

Dimension	95.0 mm (L) x 70.5 mm (W) x 160.5 mm (D) 3.74 in. (L) x 2.78 in. (W) x 6.32 in. (D)
Weight	211g (battery included)
Color	Black

1. The working distances are measured in 400lux office environment using Grade A bar codes.

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