New design

AK-9000 2D handheld

and hands-free barcode scanner



In various large supermarkets and chain supermarkets, a variety of larger products are an important part of the product SKU, but it is very difficult for cashiers to use the scanning platform to read the barcode. With the development of the market economy, mobile payment has become the main payment method for daily consumption, but cashiers are frequently restricted when they use the scanning platform to read the payment code. Syble team created the AK-9000 from the ground up for both handheld and hands-free use. Really realize a multi-purpose quick application of one machine. You get Syble industry-leading scanning technology, seamless switching between modes and superior ease of use, which greatly improve the work convenience and accuracy.

Fast scan, improve work efficiency

AK-9000 2D handheld and hands-free barcode scanner read barcode almost instantly. It combines an 1GHZ microprocessor, a high-resolution megapixel sensor and an advanced illumination system. Reading rates up to 4 m/s.

Dynamic switching between hands-free and handheld modes

AK-9000 dynamically switches between hands-free mode and handheld mode through the sophisticated structural design at the bottom and the switch designed in conjunction with the photoelectric sensor. When the checker picks it up, it will dynamically switch to the handheld mode. You only need to gently push the scan button to scan the code; When the checker puts it down, it will automatically switch to the platform mode, and place the barcode in the scan code window to start the code reading operation. Through precise mechanism design and extensive testing and conversion experiments, the switching between modes will not cause damage to the mechanical parts and greatly extend the service life.

"cat's eye" Auxiliary Scanning Light

The AK-9000 provides a "cat's eye" auxiliary scanning light. Regardless of whether it is in the platform mode or the hand-held mode, the auxiliary scanning light is always active, and the operator can easily find the best reading position based on the auxiliary light. Especially when reading codes in the long-range depth of field in the handheld mode, the auxiliary light can accurately help the worker find the best reading position.

► High precision, easy and accurate code reading

The AK-9000 has a 1.3 megapixel image sensor that can easily read various barcodes in various industries, including supermarket vacuum packaging barcodes, poorly printing, wrinkled, faded, dirty, and damaged barcodes. Even when the light is dim and the screen is dim, it can be clearly imaged.

Convenient operation and use easily

AK-9000 is easy to operate, plug and play. It supports a number of mainstream national languages in the world, and can be used in almost every country in the world.





The perfect combination of hands free and handheld mode

Handheld and hands free modes have different requirements for scanning. The hands free scanner requires a wider scanning angle, while the handheld scanner needs a farther depth of field. The AK-9000 perfectly combines them together. The AK-9000 scanning angle reaches 80 degrees, and the barcode can be easily read in the covered area; its scanning depth of field reaches 345mm, which can easily read barcodes with long-term depth of field.

► Hybrid ergonomics

The ergonomic handle is comfortably weighted and balanced, remarkably easy to pick up and easy to read codes in handheld mode. And integrated adjustable design, the degree can be adjusted 45-95 degrees, to meet various application scenarios. The AK-9000 offers a sturdy, compact solution that fits into space-constrained areas.



PRODUCT SPEC SHEET AK-9000

Performance Parameter

Light Source Red LED fill light, green LED assisting Image Sensor 1280*1024 (1.3 million pixels) CMOS

system compatibility Linux / Android / Windows XP / 7 / 8 / 10 / MAC

Motion Tolerance Code 39 4mil
Minimum Recognition Accuracy 4 meters/second

Scan Mode Automatic induction, manually triggered scanning

Keyboard Support multi-language

Print Contrast 20%

Scan Angle Roll±360°, pitch±60°, skew±70°

Human-Machine Interaction

Blue and green indicator: the blue indicator indicates full code mode, and blinks when reading succeeds.

The green indicator indicates dimension code mode,

and blinks when reading succeeds.

Sound prompt: buzzer prompt, tone switchable **Key functions:** Function 1: Toggle three tones

Function 2, 1D mode switches full code mode

Function 3: Manual trigger reading

Function 4, platform mode dynamically switches

with handheld mode directly

Interfaces USB-KBW, USB-COM, RS232

Scan Range

Scan Depth of Field 5mil(Code39) 15mm~190mm, 13mil(EAN13) 10mm~345mm,

20mil(Code39) 10mm~420mm, 20mil(QR Code) 10m~280mm.

Accessories List

USB cable The USB data cable is used to connect the information receiving host.

It applies in USB-KBW mode or USB-COM mode serial cable to connect the data receiving host . It has an adapter port (external power supply

is required) and is used in RS232 mode.

Power Adapter The power adapter is optional (the standard is different in each country),

which is used to supply power to the scanning gun with RS232 USB cable.

Output: DC5V±5%

Symbol Decode Capability

1D bar cdoe EAN-8, EAN-13, EAN-13-2add-on, EAN-13-

Sadd-on, ISSN, ISBN, UPC-A, UPC-E, Code11, Code32, Code39, Code93, Code128, Codebar, Industrial2of5, Interleaved2of5, Matrix2of5, ISBT-128, GS1-128, GS1DataBar(RSS14), GS1DataBartxpanded.

2D bar dode PDF417, MicroPDF417, QR-code, MicroQR,

DataMatrix, Aztec.

Physical Characteristics

Material ABS+PC

Dimensions 85mm*125mm*185mm

Cable Length 1.8m(±3M) Weight 270g

Environmental Parameter

Operating Temperature -20°C - 55°C Storage Temperature -20°C - 60°C

umidity -95% RH non-condensing

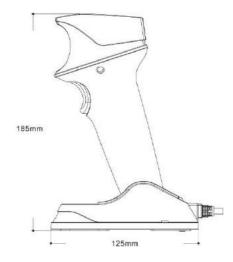
Drop Specification Designed to withstand multiple drops at 1.5 m to concrete

Ambient Light Immunity 0-70000LUX

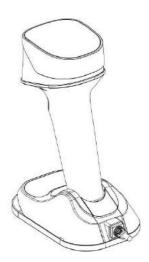
Electronic Parameter

Working Voltage DO
Operating Current 30

DC5V±5% 300mA











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