SAT PCS
SISTEMAS DE ALTA TECNOLOGÍA

BARCODE SCANNER
SAT AI402W BT ID OCR

FEATURES

- ✓ 1D, 2D barcode and OCR reader.

- ✓ Wired, wireless 2.4g, and Bluetooth connectivity

- ✓ Withstands drops of up to 1.5 meters.

- ✓ Easy installation.

- ✓ High reading speed.

- ✓ Screen code decoding.

- ✓ Ideal for long hours of continuous use.

DESCRIPTION

The SAT AI402W BT ID OCR barcode reader is an advanced and comprehensive tool designed to meet data capture needs in diverse environments. Some of its standout features include the ability to read 1D and 2D codes, as well as perform OCR (Optical Character Recognition). This makes it versatile and suitable for a wide range of applications, from retail to logistics and document management.

The dual wireless setup via 2.4G and Bluetooth 4.0 provides flexibility in connecting to devices, enabling seamless integration with existing systems and enhancing mobility in business environments. Additionally, Bluetooth 4.0 connectivity ensures energy efficiency, which benefits battery life and the reader's long-term performance.

Fast and accurate scanning is essential in commercial settings where efficiency and productivity are critical. This new model meets these demands, delivering swift performance and reliable accuracy in barcode interpretation.

TARGET MARKETS & USES

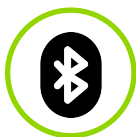SUPERMARKETS   RESTAURANTS   MALLS

FACTORIES   HOSPITALS   MOVIE THEATERS

CLOTHING STORE   AMUSEMENT PARKS

Bluetooth configuration capability

OCR code reading

Up to 12 hours of continuous wireless use

1 YEAR WARRANTY

SPECIFICATIONS		DESCRIPTION
PHYSICAL CHARACTERISTICS	**Dimensions**	Scanner: 173(L)54(W)92(H)mm, Base: 206(L)87(W)64(H)mm
	Weight	SCANNER: 182 gr | BASE:166 gr
	Material	ABS + PC
	Cable Length	1.5 m
	Drop and Impact Resistance	1.5m over concrete
SCANNER PERFORMANCE	**Image (pixels)**	1280 x 800 CMOS
	Scanning Speed	≥350 times/sec
	Scanning Modes	Manual reading, constant light reading, inductive reading,
	Interfaces	USB, Wireless 2.4G
	Scanning Angle	±50° ±65° ±35° (Rotation, Tilt, Swing)
	Resolution Ratio	≥4mil
	Error Indicator	Beep & LED
	Scanning Depth	Code 128: 50mm–120mm (5 mil, 8 characters) QR Code: 30mm–180mm (20 mil, 16 characters) Data Matrix: 50mm–90mm (10 mil, 20 characters) PDF417: 40mm–90mm (7 mil, 7 characters)
	Light Sources	Targeting LED: 630nm; Illumination LED: 6500K
	Wireless Communication	Receiver base, Bluetooth 4.0
	Wireless Communication Distance	2.4G: 50m in open spaces, 10–30m indoors Bluetooth 4.0: Over 30m in open fields, 10–20m indoors
	Storage Mode	4 MByte memory chip can store over 20,000 EAN13 barcode data
	Pairing Mode	Connection to receiver base
	Decoding Capacity	Supported Codes: QR Code, Data Matrix, PDF417, Aztec, Maxicode, OCR, UPC-A, UPC-E, EAN-13, EAN-8, Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Code 128, UCC/EAN 128, ISSN, ISBN, Codabar, Code 93, Code 11, MSI Plessey, GS1 Data Bar, etc.
ENVIROMENT PARAMETERS	**Operating Temperature**	(-20°C to 50°C)
	Storage Temperature	(-40°C to 70°C)
	Relative Humidity	5% to 95%
	Ambient Illumination	0–10,000 LUX
POWER SUPPLY	**Input Voltage**	DC 5V±0.2V
	Operating Current	
	Standby Current	<30 mA
	Battery Capacity	2200 mAh
	Charging Current / Time	500 mA (Max) / 4–5 hours

LED Indicator

USB - B Connector

Trigger

98 MM

170 MM

68 MM

87 MM

Data

Power

Pairing

Default

206 MM

64 MM

Other Code Readers:

SAT LD101R PLUS

SAT AI402 ID OCR

Complementary products

AIO POS
CI150

POS Printer
SAT 38T

Cash Drawer
SAT 119Z