

## BARCODE READER

# SAT AI202W+1



### FEATURES

- ✓ 1D and 2D barcode reader.
- ✓ Wireless and wired connection.
- ✓ Withstands drops of up to 1.5 meters.
- ✓ Easy to install.
- ✓ High speed reading.
- ✓ Decodes Screen-Displayed Codes.
- ✓ Ideal for Long Hours of Continuous Use
- ✓ 2.4G Wireless and Bluetooth 4.0 Connectivity.

### DESCRIPTION:

The ability to read 1D and 2D codes gives the SAT AI202W+1 scanner broad applicability across diverse environments, as these codes are common in industries ranging from retail to logistics and healthcare.

The 2D code-reading capability is particularly useful for capturing complex information, such as QR codes, which are widely used today to provide quick access to websites, product details, or tracking specific items.

The combination of wireless and Bluetooth 4.0 connectivity further enhances mobility and work efficiency, enabling cable-free connections and seamless integration with compatible devices.



### MARKET AND APPLICATIONS



SUPERMARKETS



RESTAURANTS



C. COMMERCIAL



INDUSTRIES



HOSPITALS



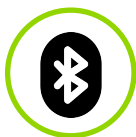
MOVIE THEATER



FASHION



AMUSEMENT PARKS



Bluetooth Configuration Capability

1D and 2D Code Scanning



Up to 12 Hours of Continuous Wireless Use



PRODUCT WARRANTY

SPECIFICATIONS		DESCRIPTION
PHYSICAL CHARACTERISTICS	DIMENSIONS	102mm x 71mm x 177mm
	WEIGHT	165.9 g
	MATERIAL	ABS+PC
	CABLE LENGTH	1.5m
	IMPACT AND DROP RESISTANCE	1.5 m drop onto concrete
PERFORMANCE CHARACTERISTICS	SCAN TYPE	Linear CCD Sensor (2500 pixels)
	SCAN SPEED	≥350 scans/sec
	SCAN MODES	Manual, Constant Light, Inductive, Intermittent
	INTERFACES	USB, 2.4 GHz Wireless USB
	SCAN ANGLES	±50° (Rotation), ±65° (Tilt), ±35° (Skew)
	RESOLUTION RATIO	≥4mil
	ERROR INDICATOR	Beep, LED
	SCANNING DEPTH	(1 mil = 0.0254 mm) 4 mil : 25–80 mm 10 mil : 40–280 mm 20 mil : 60–380 mm 40 mil : 100–600 mm
	LIGHT SOURCE	630 nm Visible Red LED; illumination LED: 6500K
	WIRELESS MODE	Dedicated 2.4GHz USB Receiver, Bluetooth 4.0
	WIRELESS RANGE	50m (Open), 10–30m (Enclosed)
	STORAGE MODE	4MB Memory Chip (Stores 20,000+ EAN13 Barcodes)
	PAIRING MODE	Scanner Paired with USB Base Receiver
	DECODING CAPABILITY	QR Code, Data Matrix, PDF417, Aztec, Maxicode, 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 DataBar, etc.
ENVIRONMENTAL PARAMETERS	OPERATING TEMPERATURE	-20°C to 50°C
	STORAGE TEMPERATURE	-40°C to 70°C (-40°F to 158°F)
	RELATIVE HUMIDITY	5% to 90%
	AMBIENT LIGHT	0–10,000 Lux
POWER SUPPLY	INPUT VOLTAGE	DC 5V±0.2V
	OPERATING CURRENT	160 mA (Typical) / 200 mA (Max)
	STANDBY CURRENT	<30mA
	BATTERY CAPACITY	2200mAh
	CHARGING CURRENT / TIME	500mA (Max) / 4–5 hours



LCD display



Shutter

C-type connector

Charge pins



Other code readers:



SAT LD101R PLUS



SAT AI402 ID OCR

Complementary products:



AIO POS  
C150



POS printer  
SAT 38T



Cash drawer  
SAT 119Z