

BARCODE READER

SAT AI8604 ID



FEATURES

- ✓ Versatile reading capability
- ✓ Plug and play connectivity
- ✓ Fast and accurate scanning performance.
- ✓ Automatic reading function
- ✓ Support for multiple languages and settings

DESCRIPTION

The SAT AI8604 ID imager scanner is a versatile, user-friendly device offering plug-and-play USB connectivity. This high-performance reader decodes a comprehensive range of codes, including 1D barcodes, 2D codes, and 1D card codes, making it an ideal solution for diverse applications.

A key feature is its multi-format decoding capability. The scanner supports traditional linear 1D barcodes (common on products and labels), 2D codes like QR codes, and specialized 1D card codes. This versatility makes it particularly effective for identity verification scenarios requiring document code scanning.

Performance-driven design ensures fast, accurate scanning across conditions. Advanced imager technology captures codes precisely in various orientations and lighting environments, delivering reliable results consistently.

Built for durability and operator comfort, the scanner features robust construction for daily use and an ergonomic design that maintains comfort during extended operation periods.



High-sensitivity area imager technology.

Reading and decoding of printed and on-screen 1D/2D barcodes.



Buzzer and LED light indicating barcode scanning.

Sleek, robust, and compact design.



Suitable for long hours of continuous operation.

TARGET MARKETS & USES



Supermarkets



Restaurants



Malls



Factories



Hospitals



Airlines



Logistics



Amusement Parks



Clothing Stores



SPECIFICATIONS	DESCRIPTION
IMAGE SENSOR	640 x 480 CMOS
SCAN SPEED	≥600 pieces/min
RESOLUTION	150 pieces/120 pieces
SUPPORTED CODES	QR Code, Micro QR, Data Matrix, PDF417, Micro PDF417, EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6, ITF 14, ISBN, ISSN, MSI-Plessey, Matrix 2 of 5, etc.
DECODING DEPTH	(1 mil = 0.0254 mm): EAN-13: 5–20 cm (13 mil) Code 39: 5–18 cm (5 mil, 4 bytes) QR Code: 5–38 cm (20 mil, 16 bytes) Data Matrix: 5–8 cm (10 mil, 6 bytes) PDF417: 5–14 cm (10 mil, 7 bytes)
INPUT VOLTAGE	DC 5V ± 0.2V
OPERATING CURRENT	160 mA (Typical) / 200 mA (Max)
STANDBY CURRENT	<35mA
INDICATOR	Beep - LED
SYSTEM INTERFACE	USB
SCANNING MODES	Manual reading, Constant light reading, Inductive reading, Intermittent reading.
DECODING ANGLE	±50°, ±65°, ±35° (Skew, Pitch, Roll)
OPERATING TEMPERATURE	(-10°C to 60°C (-4°F to 140°F))
HUMIDITY	5% to 90%
IMPACT RESISTANCE	1.5 m
ESD PROTECTION	Contact discharge: ±4 Kv Air discharge: ±8 kV
SAFETY COMPLIANCE	Lasser class 2 CORH
WEIGHT	300 gr
DIMENSIONS	L(100)W(100)H(165) mm

CERTIFICATIONS:



ACCESSORIES



OTHER CODE READERS



SAT AI8600



SAT AI402 ID OCR

COMPLEMENTARY PRODUCTS



AIO POS
CI150



POS Printer
SAT 38T



Cash Drawer
SAT 119Z