

Kiosk Barcode Scanner 2D with Autosense

SCK405

The **SCK405** is a compact 2D barcode scanning module designed for seamless integration into kiosks, self-service terminals, and embedded POS applications. Its small form factor makes it ideal for space-conscious installations while delivering fast and reliable reading of both 1D and 2D barcodes.

With support for QR codes, Data Matrix, PDF417, and standard retail barcodes, the SCK405 provides flexible scanning performance for a wide range of commercial and automated data capture applications.



Features

- Omnidirectional reading of virtually all linear bar codes and the most widely used 2D barcodes, including poor quality.
- Autosense technology
- Scan Rate 60 frames per second
- Mobile Devices Reading: Scans coupons, mobile tickets and digital wallets from the screens.
- Compatible Operating Systems: Windows, Mac OS, Linux, Android, IOS

Physical

Construction	Aluminum Alloy
Color	Black
Dimensions	21.3 (L) × 14.5 (W) × 11.5 mm (H)
Weight	52g
Cable	Standard 1.8M straight

Features

Scan Rate	60 Frames per second
Depth of field	5cm - 50cm (13mil PCS90%)
Antiknock design	Withstand 2.0 m (6 ft.) drops
life of button	2.5 million scans
Interface	USB and USB virtual Com
Compatibility	Windows, Linux, Android, Mac OS, iOS

Performance

Optical System	1280 x 800 pixels
Resolution	≥3 mil
Aim Light Source	Red LED aimer
Light Source	White LED illumination
Field of View	Rotate 360°, inclination 65°, elevation 60°
Print Contrast	20% @ UPC/EAN 100%
Photo Sensor	CMOS
Visual Indicator/Display	LED indicator light, Speaker
Decode Capability 1D	Codabar, Code 11, Code 39, Code 32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code 93, Code 128, GS1-128, UPC-A, UPC-E, EAN-8, EAN-13, GS1 DataBar (RSS14), GS1 DataBar Limited, GS1 DataBar Expanded
Decode Capability 2D	PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec Code

Electrical

Voltage	5V DC +/- 10%
Power consumption	198mA Max
Static Current	<1uA

Environmental

Operating Temperature	-10°C to 50°C (14°F to 122°F)
Operating Humidity	5% to 95% relative humidity, non-condensing
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Humidity	5% to 95% relative humidity, non-condensing
Light Levels	100,000 Lux max

Packaging

In the Box	Scanner and user manual
Carton Size	160mm x 82mm x 51mm
Gross Weight(kg)	0.18Kg
Warranty	1 Year

