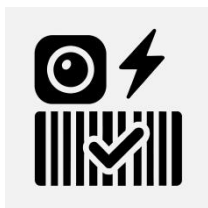# CKANPLUS

CKANPLUS SNS-3100

The SNS-3100 is CKANPLUS' new-generation 2D image scanner, widely used in retail, payment, membership identification, hotel check-in, cinema ticketing, as well as in hospitals and schools for fast scanning needs.

Powered by CKANPLUS' enhanced technologies, the SNS-3100 offers efficient decoding, easy operation, and quick configuration—helping businesses improve data capture and management efficiency, and enabling fast, large-scale deployment.
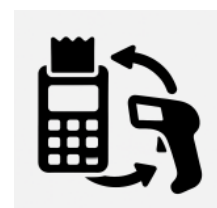
Make scanning faster and easier!

Product Features:

With a high-speed processor and resolution camera, Integrating Ckanplus' advanced decoding technology, it quickly and accurately reads all kinds of barcodes, boosting

With Ckanplus' intelligent software tools, the configuration and installation process can be simplified.

Easy to be compatible with various POS machines and devices, making it convenient to use.

Physical Characteristics:

Dimensions: 169.20mm x 109.20mmx 68.20mm

Weight : 115.5g

Performance:

	SNS-3100SR-U	SNS-3100LR-U
Starting Current：	180mA	200mA
Stand-by Current	120mA	120mA
Operating current	375mA	380mA
Image (Pixels)	640*480	640*480
Exposure mode	Rolling shutter	Global shutter
Light Source	(Aimer) Red color LED; (Illumination)White color LED	(Aimer) Red color LED; (Illumination)White color LED
Field of View	36°(Horizontal),28°(Vertical)	28°(Horizontal),20°(Vertical)
Print Contrast	20% minimum	20% minimum
Motion Tolerances	0.4m/s	0.4m/s
Minimum Resolution	≥4mil	≥4mil
DOF （depth of field）	**Code39(5mil)**	30mm-140mm	50mm-220mm
	Code39(13mil)	50mm-270mm	80mm-4000mm
	PDF417: (6.7mil)	30mm-120mm	50mm-180mm
	QR code(15mil)	30mm-160mm	40mm-200mm
	UPC-A(13mil)	50mm-250mm	80mm-400mm
Interface	USB	USB
IP level	IP42	IP42

Decode Capability:

1D: Codabar、Code 39、Code 32 Pharmaceutical (PARAF)、Interleaved 2 of 5、NEC 2 of 5、Code 93、 Straight 2 of 5 Industial、Straight 2 of 5 IATA，Matrix 2 of 5，Code 11、Code 128、GS1-128、UPC-A、UPC-E、 EAN/JAN-8、EAN/JAN-13、MSI、GS1 DataBar Omnidirectional、GS1 DataBar Limited、GS1 DataBar Expanded、China Post(Hong Kong 2 of 5)、Korea Post.

2D: Codeblock A、Codeblock F、PDF417、Micro PDF417、GS1 Composite Codes、QR Code、Data Matrix、MaxiCode、Aztec、HANXIN

User Environment:

Operating Temperature : -20°C to 60°C

Storage Temperature : -30°C to 70°C

Humidity : 5% to 95% relative humidity

Shock Specifications : Designed to withstand 1.2m(5') drops

Ambient Light Immunity :0-100,000 Lux.

Dimension (unit: mm)