Zebra CCSCN1

OEM array scan engine

Add World-Class 1D/2D Self-Scanning to Your Equipment in Minutes

If you're creating customer facing equipment where consumers will be doing the scanning, you need the most advanced scanning technology available to ensure the success of your designs. Whether you are developing ATM machines, lottery terminals, self-checkout stands, self-diagnostic healthcare equipment or other kiosk-style equipment, the first time a consumer tries to scan, no matter what type of bar code they need to scan, it simply needs to work — from less-than-perfect bar codes printed on paper labels to a bar code on a drivers license or loyalty card, or an electronic bar code that is displayed on the screen of a mobile phone. With the CCSCN1 from Zebra, it will. And it couldn't be simpler — or faster. Just attach this bolt-on plug-and-play self contained solution to your equipment with the three provided mounting screws, plug it into the full-speed micro USB 2.0 interface and power up your host application. The CCSCN1 — the easiest way to add Zebra's world-class scanning to your customer-facing solutions.

For more information about the CCSCN1,visit us on the web at
www.zebra.com/ccscn1

Zebra CCSCN1 Specifications

PHYSICAL CHARACTERISTICS

Dimensions:	0.67 in. H x 1.18 in. W x 1.02 in. D 17 mm H x 30 mm W x 26 mm D
Weight:	0.36 oz./10.2 g
Interface:	Full-speed micro USB 2.0 interface

USER ENVIRONMENT

Operating Temperature:	-22° F to 122° F/-30° C to 50° C
Storage Temperature:	-40° F to 158° F/-40° C to 70° C
Humidity:	Operating: 95% RH, non-condensing at 122° F/50° C Storage: 85% RH, non-condensing at 158° F/70° C
Ambient Light:	Maximum 86,100 Lux. (direct sunlight)

PERFORMANCE CHARACTERISTICS

Sensor Resolution:	752 x 480 pixels
Field of View:	Horizontal - 46°, Vertical - 30°
Angular Tolerance:	Skew: ±60°; Pitch: ±60°; Roll: 360°
Aiming LED:	617 nm LED, dot optical power: 0.19 mW typical
Illumination:	2x 625 nm LEDs

DECODE RANGES

Typical Working Ranges	5.0 mil Code 39: Near - 1.7 in./4.3 cm Far - 7.0 in./17.7 cm 6.67 mil PDF417: Near - 2.2 in./5.5 cm Far - 6.5 in./16.6 cm 10 mil Datamatrix: Near - Field of view limited Far - 7.6 in./19.3 cm 100% UPC-A: Near - 1.6 in./4.2 cm Far - 13.2 in./33.5 cm 15 mil PDF417: Near - Field of view limited Far - 10.7 in./27.2 cm

Power:	Operational input voltage: 3.3V +- 10% or 5V +/- 10%; Current Draw: 280 mA avg. during scanning, 3.3V input)
Shock Rating:	2000 G ±5%, any mounting surface, at 32°, 68°, 122° F/ 0°, 20° and 50° C for 0.85 ±0.05 ms

REGULATORY

Laser Classification:	Intended for use in CDRH Class II/ IEC 825 Class 1M devices
Electrical Safety:	UL, VDE, and CU recognised component
Environmental:	Compliant with RoHS

WARRANTY

Subject to the terms of Zebra's hardware warranty statement, the CCSCN1 is warranted against defects in workmanship and materials for a period of 15 months from the date of shipment. For the complete Zebra hardware product warranty statement, go to: www.zebra.com/warranty

Markets

Retail
Hospitality
Healthcare
Gaming
Banking

Applications

Self-service payment kiosks
Self-checkout stands
ATM machines
Lottery terminals
ID verification — ideal in healthcare and retail
Customer-facing diagnostic healthcare equipment, such as blood pressure testing machines in a pharmacy

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