CUBAL C-7080i

Compact Size Desktop 2D Barcode Scanner

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We value your ID's

Introduction

The CUBAL is a multi-form, compact size, omni-directional presentation 2D barcode scanner engineered to decode all standard 1D and 2D barcodes. Its revolutionary imaging technology is housed in an elegant, stylish, yet durable design. The compact size and small foot-print design, makes it the ideal solution for space-constrained environments.

With the CUBAL C-7080i, you get the versatility to scan any 1D or 2D bar code — from the printed labels in retail that identify product or mobile bar codes on the screen of a mobile phone, and pricing at the register to mobile coupons, mobile gift and loyalty cards, boarding passes and even theater tickets. The CUBAL provides all the features you need to keep your workers productive; intuitive and fast reading performance; true point-and-shoot scanning simplicity — no need to align bar code and scanner; and hands-free and handheld flexibility.

The CUBAL can be used in high-flow retail cashier environment and it's suitable for large supermarkets, department stores, convenience stores, drugstores, tobacco hotels and grocery stores.

Features

- Scans most 1D and 2D bar codes on paper, mobile phones and computer displays.
- With its compact size and small foot-print can fit in the most space constrained areas.
- Lightweight and ergonomic design, best cost-effective investment.

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Reading Range

Barcode	Depth of field
4mil Code39	40 ~ 70 mm
10mil Code39	20 ~ 110 mm
13mil UPC/EAN	20 ~ 130 mm
8mil PDF417	30 ~ 100 mm
20mil Data Matrix	20 ~ 150 mm
20mil QR code	20 ~ 150 mm

Note : The test is under ambient light 450~550 Lux.

Specifications

● Physical Characteristics

Weight	
Body Weight	Approx. 270g w/o cable
Material	ABS Plastic
Dimension (WxDxH)	96.7 x 86.7 x 143.6 mm
Color Available	Black

● Performance

Light source	Red LED
View of filed	Horizontal – 41°, Vertical – 31°
Resolution	640 (H) x 480 (V) pixels ≥5mil/0.127mm（PCS90%,CODE 39)
Motion tolerance	100cm / second
Pitch	±65°(from front to back)
Skew	±60°(from plane parallel to symbol(side- to-side))
Roll	360°
Indicators	Beep and LED
Scan Mode	Continuous , Auto sense
Print Contrast	>= 25%
Communication	USB, RS-232
Cable length	180cm
Power Supply	DC 5V@280mA(work)

● Environmental

Operating Temp.	-20°C to 50°C (-4°F to 122°F)
Storage Temp.	-40°C to 60°C (-40°F to 140°F)
Relative Humidity	5% to 95% (Non-condensing)
Ambient light	100,000 Lux Max. (Sunlight)

● Reliability

Life Time	
MTBF(Calculated)	50,000 hours
Temp. Test	
High Temp.	70°C , 48 hours
Low Temp.	-20°C , 48 hours
Cable Bending Test	25,000 times minimum (30 times/min @ 500g/90°)
Drop Resistance	47.24 inches(120cm) drop on concrete surface

● Readable Symbologies

1D Symbologies
UPC-A，UPC-E，EAN-8，EAN-13，Code 128， GS1-128， Code 39，Code 32, Code 93，Code 11，Interleaved 2 of 5，Matrix 2 of 5，Industrial 2 of 5(Straight 2 of 5)，Standard 2 of 5（IATA 2 of 5）,Codabar（NW-7），MSI，GS1 Databar(Omnidirectional, Limited, Expanded)，China Post, Tepepen, GS1 Composite etc.

2D Symbologies
QR Code, Micro QR Code, Data Matrix，PDF417, Micro PDF 417， MaxiCode, Aztec，HanXin Code, Chinese ID Card OCR, etc

Due to Champtek's / Scantech ID's continuing product improvement programs, specifications and features are subject to change without notice.