CODE READER™ 4300

Revolutionizing Durability Across Industries

code®
Expect More.

More for your Application:

- *Streamlines mobile barcode reading by using iPhone/iPod camera*
- *Provides clear targeting and ambidextrous scan buttons for easy, ergonomic scanning*
- *Keeps mobile devices running with 3000 mAh battery backup*
- *Informs users of battery status with built-in gauge*
- *Protects iPhone 6/6s and iPod 6th generation with durable, disinfectant-ready case*
- *Quickly charge devices via USB or quad-bay charger*
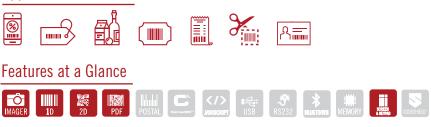- *Complete iPhone/iPod accessibility*

Barcode reading in a whole new light

As business applications go mobile, various solutions have come to market to equip these mobile devices with barcode reading capabilities. The CR4300, however, is revolutionizing how mobile devices become enterprise-grade barcode readers.

The CR4300 takes the camera from an iPod® or iPhone® and combines it with a patented optical platform and world-class decoding software to create a user-friendly, high-performance barcode reader. The intuitive targeting bar and ambidextrous scan buttons provide users a familiar interface for users to easily "point and shoot" their way through reading the toughest 1D and 2D barcodes.

The CR4300 goes beyond barcode reading and provides a protective case to keep mobile devices safe in a variety of environments. These disinfectant-ready, durable cases also provide a 3000 mAh battery backup so the work shift doesn't get interrupted by constantly having to recharge. And the user has complete access to the iOS device functions, including the camera, so you don't have to sacrifice anything!

Applications

Features at a Glance

IMAGER | 1D | 2D | PDF | POSTAL | CortexDM™ | JAVASCRIPT | USB | RS232 | BLUETOOTH | MEMORY | SCREEN & KEYPAD | CODESHIELD

Physical Characteristics

Nominal Dimensions	iPhone 6/6S	6.22" L x 3.07" W x 0.83" D (158 mm L x 78 mm W x 21 mm D)
	iPod 6th Gen	5.63" L x 2.72" W x 0.83" D (143 mm L x 69 mm W x 21 mm D)
Nominal Weight	with iPhone 6/6s	10.1 oz
	with iPod 6th Gen	8.2
Charging Station Dimensions	8.11" L x 4.80" W x 2.17" H (206 mm L x 122 mm W x 55 mm H)	

User Environment

Operating Temperature	0° to 23° C / 32° to 95° F
Storage Temperature	-30° to 65° C / -22° to 150° F
Humidity	5% to 95% non-condensing
Decode Capability	1D: Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar, Hong Kong 2 of 5, Matrix 2 of 5, MSI Plessey, NEC 2 of 5, Plessey, Straight 2 of 5, Telepen, Trioptic, UPC/EAN/-JAN
	Stacked 1D: Code 49, GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417
	2D: Aztec Code, Data Matrix, Data Matrix Rectangular Extension, Grid Matrix, Han Xin, Maxicode, Micro QR Code, QR Code, QR Model 1
	Proprietary 2D: GoCode® (Optional License Required)
	Postal Codes: Australian Post, Canada Post, Itelligent Mail, Japan Post, KIX Code, Korea Post, Post-Net, Planet, UK Royal Mail, UPU ID-tags

Typical Working Ranges

Test Barcode	Min Inches (mm)	Max Inches (mm)
7.5 mil Code 39	3.1" (80 mm)	9.4" (240 mm)
13 mil UPC	2.4" (60 mm)	19.7" (500 mm)
5 mil Data Matrix	2.4" (60 mm)	4.9" (125 mm)
6.7 mil PDF417	2.2" (55 mm)	9.8" (250 mm)
10 mil Data Matrix	2.0" (50 mm)	10.4" (265 mm)
15 mil QR Code	2.0" (50 mm)	15.0" (380 mm)
20.8 mil Data Matrix	1.6" (40 mm)	17.7" (450 mm)

Note: Working ranges are a combination of both the wide and high density fields. All samples were high quality barcodes and were read along a physical center line at a 10° angle. Default automatic gain control settings were used with regular office lighting. Accuracy= +/- 10%. Test conditions may affect working ranges.

Performance Characteristics

Field of View	30° horizontal by 34° vertical
Optical Resolution	Adjustable up to 8 MP
Pitch	± 65° (from front to back)
Skew	± 60° from plane parallel to symbol (side-to-side)
Rotational Tolerance	± 180°
Symbol Contrast	15% minimum reflectance difference
Target Beam	Single, green targeting bar
Ambient Light Immunity	Sunlight: Up to 9,000ft-candles/96,890 lux
Shock	With iPhone or iPod withstands multiple drops of 4' (1.22 Meters to concrete)
Battery Capacity	3000 mAh (without iPhone or iPod)
Warranty	www.codecorp.com/warranty

Accessories

- USB Charging Cable
- Quad-Bay Charging Station
- Belt Clip

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