CODE READER™ 4300

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 built-in left/right scan buttons provide a familiar interface for users to easily "point and shoot" their way through reading the toughest 1D and 2D barcodes.

Not bullet proof, but close.

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 all of the functionality of the CR4300 is provided with unencumbered access to all iPhone and iPod functions, so users don't have to sacrifice efficiency.

Features & Benefits

- Streamlines mobile barcode reading by using iPhone/iPod camera
- Provides clear targeting and convenient scan buttons so users can scan quickly
- Keeps mobile devices running with 3000 mAh battery backup
- Informs users of battery status with built-in gauge
- Protects iPhone/iPod with durable, disinfectant-ready case
- Charges quickly via USB or with drop-in, multi-bay charger

Applications

Bedside medication administration, mobile phlebotomy, point of sale, event management, home health, positive patient identification, patient-to-device association, inventory, line busting, field services

Features at a Glance

BATTERY	1D	2D	PDF	POSTAL	CortexRM
JAVASCRIPT	USB	RS232	BLUETOOTH	MEMORY	SCREEN & KEYPAD

Physical Characteristics

CR4300 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)
CR4300 Weight	with iPhone 6/6s	10.1 oz
	with iPod 6th Gen	8.2 oz
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 35° 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® (Additional License Required)
	Postal Codes: Australian Post, Canada Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Planet, Postnet, UK Royal Mail, UPU ID-tags

Working Ranges

CR4300 Performance		
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 Data Matrix	2.2" (55 mm)	9.8" (250 mm)
10 mil Data Matrix	2.0" (50 mm)	10.4" (265 mm)
15 mil QR Code	1.6" (40 mm)	17.3" (440 mm)
20.8 mil Data Matrix	1.6" (40 mm)	17.7" (450 mm)

Note: All samples were high quality barcodes and were read along a physical center line at a 10° angle. Default AGC settings were used. Accuracy= +/- 10%.

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
- Hand Strap

code
REVOLUTIONIZING BARCODE READING

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