



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.

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

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.

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



CODE READER™ 4300 SPECIFICATIONS

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	5.63" L x 2.72" W x 0.89" D (143 mm L x 69 mm W x 22.5 mm D)
CR4300 Weight	10.1 oz (with iPhone 6/6s installed) 8.2 oz (with iPod installed)	
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	-20° to 55° C / -4° to 131° 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, Pharmacode, 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 Code	Min Inches (mm)	Max Inches (mm)
5.8 mil PDF	1.5" (40 mm)	5.9" (150 mm)
7.5 mil Code 39	1.9" (50 mm)	9.0" (230 mm)
5 mil DM	1.9" (50 mm)	3.9" (100 mm)
6.3 mil DM	1.9" (50 mm)	5.9" (150 mm)
6.7 mil PDF	2.5" (65 mm)	7.4" (190 mm)
10 mil DM/QR	1.5" (40 mm)	9.0" (230 mm)
13 mil UPC	1.5" (40 mm)	14.5" (370 mm)
15 mil QR	1.1" (30 mm)	11" (280 mm)
15 mil DM	1.1" (30 mm)	13.3" (340 mm)
20 mil DM	1.1" (30 mm)	15.7" (400 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	Without iPhone or iPod withstands multiple drops of 6' (1.8 Meters) to concrete 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
- Multi-Bay Charging Station



code
REVOLUTIONIZING BARCODE READING

www.codecorp.com

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