

# CODE READER™ 4405



## Features & Benefits

- Compatible with an Apple® iPhone® 5 or 5s
- Lightweight design combines easy-to reach buttons with an unobstructed view of iPhone screen
- Bright, rectangular, blue LED aiming quickly and easily targets and reads all barcodes
- Multiple locking clips hold phone in place, protecting it against damage and minimizing exposure to debris
- Software Development Kit (SDK) assists in creating a custom scanner application
- Single and quad-bay charging station options

## Cost-effectively and quickly convert your iPhone® into a mobile barcode reading solution.

Consolidating technologies into one, user-friendly device has perhaps never been more in demand among mobile-driven applications, and the CR4405 sled is leading the way.

Ideal for fast-paced environments such as healthcare and retail, its sleek, ergonomic design features advanced imaging technology for increased productivity and mobile workflow efficiency.

## Designed to protect your investment.

The CR4405 iPhone® 5/5s barcode reading sled is the only one that features replaceable, rechargeable battery cartridges. This makes changing depleted batteries quick and easy, and avoiding workflow interruptions even easier. Its durable, IP54-rated housing withstands harsh environments, and consists of disinfectant ready plastics that stand up to frequent cleaning with rigorous chemicals. The CR4405 delivers superior performance on all 1D, 2D and stacked barcode symbologies, and it includes a software development kit to tailor scanner applications.

For speed, efficiency and versatility, the CR4405 sled for iPhone® 5/5s steps up as the ultimate solution to multiple challenges.



## Applications

Healthcare, retail, government, event management, field services

## Features at a glance



\*Screen and keypad are available via iPhone 5.

# CODE READER™ 4405 SPECIFICATIONS

## Physical Characteristics

<b>CR4405 Dimensions</b>	6.25" L x 2.8" W x 1.25" D (156 mm L x 75 mm W x 30 mm D)
<b>CR4405 Weight (with battery and phone)</b>	12.0 oz (300.0g)
<b>Charging Station Dimensions</b>	4.6" L x 4.5" W x 2.7" H (117 mm L x 114 mm W x 69 mm H)
<b>Charging Station Weight</b>	5.3 oz (150.0g)

## User Environment

<b>Operating Temperature</b>	-20° to 55° C / -4° to 131° F
<b>Storage Temperature</b>	-30° to 65° C / -22° to 150° F
<b>Humidity</b>	5% to 95% non-condensing
<b>Decode Capability</b>	<p><b>1D:</b> Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar (RSS), 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</p> <p><b>Stacked 1D:</b> Codablock F, MicroPDF, PDF417, GS1 Composite (CC-A/CC-B/CC-C)</p> <p><b>2D:</b> Aztec Code, Data Matrix, Han Xin, MaxiCode, Micro QR, QR Code</p> <p><b>Proprietary 2D:</b> GoCode® (Additional License Required)</p> <p><b>Postal Codes:</b> Australian Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Planet, Postnet, UK Royal Mail, UPU ID-tags</p>
<b>Image Output Options</b>	Formats: JPEG or PGM
<b>Field Selection</b>	High Density or Wide Field
<b>Time Stamp</b>	Interval Logging
<b>Data Editing</b>	JavaScript (Additional License Required) / CodeXML® Rules

## Working Ranges

CR4405 Performance

Test Barcode	Min Inches (mm)	Max Inches (mm)
3 mil Code 39	3.1" (80 mm)	4.0" (102 mm)
7.5 mil Code 39	1.3" (33 mm)	7.2" (182 mm)
10.5 mil GS1 DataBar	0.8" (20 mm)	8.7" (220 mm)
13 mil UPC	1.1" (28 mm)	11.0" (280 mm)
5 mil DM	1.7" (43 mm)	4.5" (115 mm)
6.3 mil DM	1.3" (33 mm)	5.9" (150 mm)
10 mil DM	0.8" (20 mm)	7.1" (180 mm)
20.8 mil DM	1.1" (28 mm)	13.5" (343 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 AGC settings were used. Accuracy= +/- 10%.

## Performance Characteristics

<b>Field of View</b>	High Density Field: 30° horizontal by 20° vertical Wide Field: 50° horizontal by 33.5° vertical
<b>Focal Point</b>	Approximately 100 mm
<b>Sensor</b>	CMOS 1.2 Megapixel (1280 x 960) gray scale
<b>Optical Resolution</b>	High Density Field: 960 x 640 Wide Field: 960 x 640
<b>Pitch</b>	± 60° (from front to back)
<b>Skew</b>	± 60° from plane parallel to symbol (side-to-side)
<b>Rotational Tolerance</b>	± 180°
<b>Print Contrast</b>	25% (1D symbologies) or 35% (2D symbologies) absolute dark/light reflectance differential, measured at 650 nm
<b>Target Beam</b>	Single, blue targeting bar
<b>Ambient Light Immunity</b>	Sunlight: Up to 9,000ft-candles/96,890 lux
<b>Shock</b>	Without phone withstands multiple drops of 6' (1.8 Meters) to concrete With phone withstands multiple drops of 4' (1.22 meters) to concrete
<b>Memory Capacity</b>	128MB Flash ROM, 32MB RAM
<b>Battery Capacity (without phone)</b>	2,000 mAh
<b>Communication Interfaces</b>	USB, Wireless Interfaces Supported by iPhone 5/5s
<b>Operational Modes</b>	iPhone App Mode, iPhone Keyboard Mode
<b>Warranty</b>	1 Year; extended service plan available

## Accessories

- Lithium-Ion Battery
- Single and quad-bay charging stations



**code**  
ADVANCED BARCODE READERS

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