



## CODE READER™ 4900

### The power of Code and the flexibility of Android™.

Code's CR4900 marries the performance of Code readers with the versatility of the Android operating system in a sleek, mini-tablet form factor. The unit is small enough to fit in one hand, but features a large, multi-touch screen for users to easily interface with mobile applications. The Dual-Field Imager provides superior performance on all 1D and 2D barcodes, satisfying the needs of healthcare, retail, hospitality, field service, and a variety of other applications.

### Barcode reading with all the amenities.

The CR4900 comes packed with all the features expected in a premium mobile device. Fast-switching Wi-Fi provides uninterrupted voice communication. Built-in Bluetooth 4.0, NFC and HF RFID ensure the CR4900 easily interfaces with a multitude of devices and platforms to enable any workflow. Backed by a high-capacity, hot-swappable battery and wrapped in an IP54, disinfectant-ready case, the CR4900 is designed to minimize downtime and maximize productivity.

The feature-rich CR4900 takes enterprise mobility to the next level.

#### Features & Benefits

- Superior decoding of all 1D, 2D, and Postal barcodes
- Android 5.1 operating system
- Hot-Swappable Battery maintains active applications during battery change
- Fast-switching Wi-Fi ensures uninterrupted communication
- Bright, 5.0" multi-touch Corning Gorilla Glass 3 screen
- Dual user programmable alert LEDs
- Small, lightweight form factor
- Disinfectant-ready CodeShield® plastics
- Software development kit (SDK) assists in creating custom barcode reading applications
- Single-bay and quad-bay charging stations available

#### Applications

Beside medication administration, mobile phlebotomy, lab, home health, positive patient identification, patient-to-device association, shipping/receiving, price updates, inventory, line busting, field services

#### Features at a Glance



# CODE READER™ 4900 SPECIFICATIONS

## Physical Characteristics

<b>CR4900 Dimensions</b>	6.1" L x 3.3" W x 0.9" D (155 mm L x 83 mm W x 24 mm D)
<b>CR4900 Weight</b>	10.3 oz (292.0g)
<b>IP Rating</b>	54

## Tablet Performance Characteristics

<b>Operating System</b>	Android 5.1 (GMS Certified)
<b>CPU</b>	Quad Core 1.2GHz
<b>Memory Capacity</b>	2GB RAM, 16GB Flash (Expandable up to 32GB)
<b>Display Resolution</b>	WVGA 5.0" capacitive (720x1280) TFT LCD (340 nits)
<b>Audio Options</b>	Mono speaker, 3.5 mm jack, microphone
<b>Battery Capacity</b>	Rechargeable 4,000 mAh
<b>Input/Output Interfaces</b>	USB Type-C
<b>Integrated Barcode Reader</b>	Dual-Field CR8000 Imager
<b>NFC / HF RFID</b>	13.56MHz, Supports ISO15693, ISO14443A/B, FeliCa
<b>Camera</b>	Rear 8.0 MP Auto Focus / Front 2.0 MP Fixed Focus
<b>WLAN</b>	IEEE 802.11 a/b/g/n/r/k (2.4GHz & 5.0GHz) Security Modes: Legacy, WPA and WPA2 Encryption: WEP (40 and 128 bit), TKIP and AES Authentication: TLS, TTLS ( MS-CHAP), TTLS ( MS-CHAP v2), TTLS (PAP), PEAP (MS-CHAP v2), PEAP (GTC), FAST (MS-CHAP v2) , FAST (GTC), LEAP with Pre-Authentication, PMKID Caching, Opportunistic Key Caching (OKC), Cisco, 802.11r and 802.11k
<b>Bluetooth</b>	V4.0+EDR, Class II
<b>Shock</b>	Withstands multiple drops of 4 feet (1.2 meters) to concrete
<b>Warranty</b>	www.codecorp.com/warranty

## Working Ranges

### CR4900 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: 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%.

## Scan Engine 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>	± 65° (from front to back)
<b>Skew</b>	± 60° from plane parallel to symbol (side-to-side)
<b>Rotational Tolerance</b>	± 180°
<b>Symbol Contrast</b>	15% minimum reflectance difference
<b>Target Beam</b>	Single, blue targeting bar
<b>Ambient Light Immunity</b>	Sunlight: Up to 9,000ft-candles/96,890 lux
<b>Image Output Options</b>	Formats: JPEG or PGM
<b>Field Selection</b>	High Density or Wide Field

## User Environment

<b>Operating Temperature</b>	0° to 45° C / 32° to 113° F
<b>Storage Temperature</b>	-20° to 60° C / -4° to 140° F
<b>Humidity</b>	5% to 95% non-condensing
<b>Decode Capability</b>	<b>1D:</b> BC412, 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 <b>Stacked 1D:</b> Codablock F, Code 49, GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417 <b>2D:</b> Aztec Code, Data Matrix, Data Matrix Rectangular Extension, Grid Matrix, Han Xin, Maxicode, Micro QR Code, QR Code, QR Model 1 <b>Postal:</b> Australian Post, Canada Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Planet, Postnet, UK Royal Mail, UPU ID-tags <b>Proprietary 2D:</b> GoCode® (License Required)

## Accessories

- Single-Bay Desktop Charging Station
- Quad-Bay Battery Charging Station
- Hand Strap
- Belt Clip



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PAYMENTS



## About us

- Legacy Technology Services is a leading nationwide provider of mobile computing, barcode, printers and point of sale equipment and services.
- For over a decade, thousands of clients across North America have trusted us to provide equipment from leading manufacturers backed by the services to support them.

## Latest Hardware from top manufacturers

- Legacy handles virtually every major manufacturer of mobile computing, barcoding and point of sale equipment.

## Expert Repair and Maintenance services

- Legacy is one of the best repair facilities in North America

## Discontinued product sourcing

- They don't make it anymore? Our inventory also includes manufacturer close-outs and discontinued equipment to support our clients legacy infrastructure.

## Trade-in and Disposal services

- That old equipment laying around your facility may still have some value. Legacy routinely purchases equipment from our clients around the globe.
  - Data destruction
  - Hardware disposal
  - Auditing services

## Dedicated client account team

- Dedicated, highly trained account managers are here to answer all your questions and provide top notch service.

## Equipment rental services

- Sometimes renting is a better solution, Legacy's huge rental inventory provides the equipment you need for temporary needs and projects.



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