



# CODE READER 2700



## Expect More

- High-speed, omnidirectional reading of 1D and 2D barcodes
- Inductive charging eliminates contact failure caused by disinfectants
- PVC-free CodeShield<sup>®</sup> plastics stand up to harsh chemicals
- Sleek design with few nooks and crannies makes infection control easier
- Bluetooth<sup>®</sup> 5 Low Energy for enhanced data security and extended battery life
- Superior IP65 rating seals against dust and liquid ingress
- Visual, audible, and haptic feedback, customizable for workflow needs
- Smart battery with built-in power gauge and health tracking for proactive management
- Powerful JavaScript platform for complete device control
- Multiple programmable buttons to meet workflow needs
- Compatible with Android, iOS, and Windows devices (via USB or Bluetooth)
- Bluetooth dongle provides reliable data transfer from reader to PC host
- FIPS version available

## Applications



## Features at a Glance



## The New Standard for Barcode Scanning

The CR2700 is Code's fourth-generation healthcare barcode reader, combining nearly twenty years of market experience with new features for improving patient care workflows. We took unparalleled scanning performance and stepped it up a notch, tackling even more damaged and poorly printed barcodes to keep nurses moving.

Worried about infection control? With the introduction of wireless (inductive) charging, Code has eliminated any exposed metal. Combined with seamless construction, an IP65 rating and top-of-the-line CodeShield<sup>®</sup> plastics, the CR2700 can be quickly and completely wiped down with even the harshest chemicals.

The CR2700 introduces Bluetooth<sup>®</sup> 5 to healthcare scanning increasing the security level on data transmission. By implementing a Bluetooth Low Energy radio, Code has extended the battery life on the CR2700 to further minimize downtime during shifts. A built-in gauge tells users when it is time to change the battery, which can quickly be swapped for a fresh one, getting nurses right back to caring for patients.

The state-of-the-art CR2700 is also packed with new features to help hospital IT efficiently deploy and manage their scanners. With the ability to track service start dates and vital battery statistics, the CR2700 provides a new level of asset visibility and replacement planning. Code is also ready to assist with installation and training options to ensure a smooth rollout, and Code Complete protection plans practically eliminate downtime. **Code knows barcode scanning and the CR2700 is the new gold standard.**



## Physical Characteristics

<b>Palm Reader Dimensions</b>	28 mm H x 131 mm L x 53 mm W (1.1" H x 5.2" L x 2.1" W)
<b>Handle Reader Dimensions</b>	135 mm H x 131 mm L x 53 mm W (5.3" H x 5.2" L x 2.1" W)
<b>Charging Station Dimensions</b>	Charging Station: 49 mm H x 79 mm L x 79 mm W (1.9" H x 3.1" L x 3.1" W) With base: 55 mm H x 121 mm L x 93 mm W (2.2" H x 4.8" L x 3.7" W)
<b>Palm Reader Weight</b>	131 g (4.6 oz.) including battery
<b>Handle Reader Weight</b>	177 g (6.2 oz.) including battery
<b>Charging Station Weight</b>	97 g (3.4 oz.)
<b>IP Rating</b>	65
<b>Colors</b>	Light gray, dark gray

## 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>Shock</b>	Withstands multiple drops of 6' (1.8 Meters) to concrete
<b>Power Requirements</b>	Reader: 5 VDC; Charging Station: 5 W Max; Quad-Bay Charger: 6 W Max
<b>Number of Scans</b>	Up to 50,000 scans per charge
<b>ESD Protection</b>	15 kV AIR, 8 kV DIRECT
<b>Charging Station Communication Interfaces</b>	USB 2.0 (Generic HID, HID Keyboard)
<b>Reader Communication</b>	Bluetooth® 5 Low Energy (Class II)
<b>Warranty</b>	Visit: <a href="http://codecorp.com/support/warranty">codecorp.com/support/warranty</a>

## Accessories

- USB Charging Cable
- Power Supplies
- Battery Cartridge
- Bluetooth Inductive Charging Station
- Desktop Mount
- Wall Mount Bracket
- VESA Mount Bracket
- Precut Adhesive Tapes
- Thumb Screws
- Bluetooth® Dongle

## Typical Working Ranges

Test Barcode	Min Inches (mm)	Max Inches (mm)
<b>3 mil Code 39</b>	3.5" (90 mm)	4.4" (112 mm)
<b>7.5 mil Code 39</b>	0.9" (23 mm)	6.8" (172 mm)
<b>10.5 mil GS1 Databar</b>	0.4" (10 mm)	8.3" (210 mm)
<b>13 mil UPC</b>	0.7" (18 mm)	10.6" (270 mm)
<b>5 mil DM</b>	1.3" (33 mm)	4.1" (105 mm)
<b>6.3 mil DM</b>	0.9" (23 mm)	5.5" (140 mm)
<b>10 mil DM</b>	0.4" (10 mm)	6.7" (170 mm)
<b>20.8 mil DM</b>	0.7" (18 mm)	13.1" (333 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. Measured from the front of the read with default settings in metric units then converted to imperial units. Testing conditions may impact working ranges.

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## 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>	1D: 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  Stacked 1D: Codablock F, 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, Intelligent Mail, Japan Post, KIX Code, Korea Post, Post-Net, Planet, UK Royal Mail, UPU ID-tags
<b>Image Output Options</b>	Formats: JPEG or PGM
<b>Field Selection</b>	High Density or Wide Field
<b>Advanced Data Editing</b>	JavaScript