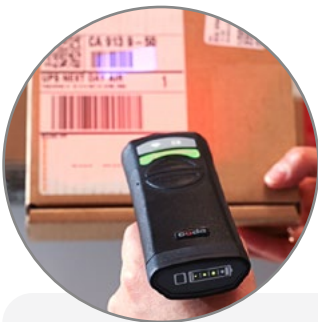




DEPENDABLE SCANNING, OUTSTANDING VALUE

CODE READER™ 2100



Streamline scanning for everyday operations

Reliable wireless scanning that keeps your business moving

Smart features for modern workflows

- ▶ High-speed, omnidirectional reading of 1D and 2D barcodes
- ▶ Eliminate contact failure with inductive charging
- ▶ Visual, audible and haptic feedback
- ▶ QuickConnect to host PC via base station, dongle or DirectConnect
- ▶ Store data for later offload in batch mode
- ▶ Enhance data security and extends battery life with Bluetooth® 5 Low Energy
- ▶ Smart battery with built-in power gauge for proactive management
- ▶ Compatible with Android, iOS, and Windows (via USB or Bluetooth)
- ▶ Swappable battery keeps business moving
- ▶ PVC-free CodeShield® plastics stand up to frequent cleaning
- ▶ Global technical support to ensure a smooth rollout and maximum uptime

FEATURES AT A GLANCE



CR2100

BUILT FOR PERFORMANCE
DESIGNED FOR VALUE



Reader options

Article No.	Description
178552	CR2100 Barcode reader with Battery
178553	CR2100 Bluetooth reader with Battery, Charging station, 1 m USB cable and a desktop base
178554	CR2100 Bluetooth reader with Battery, Charging station and a 1 m USB cable
178555	CR2100 Bluetooth reader with Battery, Charging station, 1.8 m USB cable and a desktop base
178556	CR2100 Bluetooth reader with Battery, Charging station and a 1.8 m USB cable
178557	CR2100 Bluetooth reader with Battery, Charging station, 1 m USB-C cable and a desktop base
178558	CR2100 Bluetooth reader with Battery, Charging station and a 1 m USB-C cable

Accessories

Article No.	Description
176506	USB to Micro USB 1 m Cable for Code Reader Barcode Scanner
176508	USB to Micro USB 1.8 m Cable for Code Reader Barcode Scanner
176513	Bluetooth Dongle for CR2700 & CR2100 Barcode Scanner
176520	Quad Bay Battery Charging Station for CR2700 & CR2100 Barcode Scanner
176521	Inductive Charging Station Wall Mount for CR2700 & CR2100 Barcode Scanner
176699	CR2700 & CR2100 B27 Battery
178559	Bluetooth Inductive charging station for CR2100.
178560	Bluetooth Inductive charging station for CR2100 with 1 m USB cable.
178561	Bluetooth Inductive charging station for CR2100 with 1.8 m USB cable.
178562	Bluetooth Inductive charging station for CR2100 with 1 m USB-C cable.
178563	Desktop Base for Inductive charging station CR2100.
320060	CR2700 & CR2100 Quad Bay Battery Charging Station

Physical characteristics

Reader Dimensions	52 mm (W) x 129 mm (H) x 130 mm (D)
Charging Station Dimensions	228.60 mm (W) x 50.80 mm (H) x 203.20 mm (D)
Reader Weight	177 g
Charging Station Weight	340 g
Ingress Protection Rating	IP52
Colour	Black

Performance characteristics

Field of View	Wide Field: 50° Horizontal by 33.50° Vertical
Focal Point	Approximately 100 mm
Sensor	CMOS 1.2 megapixel; (1280 x 960) grey scale
Optical Resolution	Single field: 960 x 640
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 Blue targeting bar (470nm)
Ambient Light Immunity	Sunlight: Up to 9,000ft-candles/96,890 lux
Drop Test	Resistant to 1.8 metre drops
Power Requirements	Reader @ 5V DC; Charging Station: 5W Max; Quad-Bay Charger: 6W Max
Number of Scans	Up to 50,000 scans per charge
ESD	15 kV air, 8 kV direct
Charging Station Communication Interfaces for Barcode Scanners	USB 2.0 (generic HID, HID keyboard, virtual com port)
Reader/Scanner Unit Communication	Bluetooth 5 Low Energy (class II)
Warranty	3 years

User environment

Operating Temperature	-20°C - 55°C
Storage Temperature	-30°C - 65°C
Operating Humidity	5% to 95% (non-condensing)
Decode Capabilities - 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
Decode Capability - 1D Stacked	Codablock F, Code 49, GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417
Decode Capability - 2D	Aztec Code, Data Matrix, Data Matrix Rectangular Ext'n, Grid Matrix, HanXin Code, Micro QR Code, QR Code, QR Model 1, GoCode® (proprietary--add'l license req'd)
Decode Capability - Postal	Australian Post, Canada Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Post-Net, Planet, UK Royal Mail, UPU ID-tags
Image Output Options	JPEG, PGM
Field Selection	Wide Field
Data Parsing	GS1, HIBC, Driver's licences and ID Cards (optional licence required)
Data Structure Validation	ISO 15418, ISO 15434, HIBC UDI

Typical working ranges

	7.5 mil Code 39	10.5 mil GS1 Databar	13 mil UPC	6.3 mil DM	10 mil DM	20.8 mil DM
Minimum	23 mm	15 mm	23 mm	28 mm	16 mm	21 mm
Maximum	162 mm	146 mm	254 mm	106 mm	164 mm	318 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 centre 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. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by The Code Corporation is under licence. Other trademarks and trade names are those of their respective owners.

