

Physical Characteristics

Palm Reader Dimensions	28 mm H x 131 mm L x 53 mm W (1.1" H x 5.2" L x 2.1" W)
Handle Reader Dimensions	135 mm H x 131 mm L x 53 mm W (5.3" H x 5.2" L x 2.1" W)
Charging Station Dimensions	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)
Palm Reader Weight	131 g (4.6 oz.) including battery
Handle Reader Weight	177 g (6.2 oz.) including battery
Charging Station Weight	97 g (3.4 oz.)
IP Rating	65

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: 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
Image Output Options	Formats: JPEG or PGM
Field Selection	High Density or Wide Field
Advanced Data Editing	JavaScript

Typical Working Ranges

Test Barcode	Minimum Inches (mm)	Maximum Inches (mm)
3 mil Code 39	3.5" (90 mm)	4.4" (112 mm)
7.5 mil Code 39	0.9" (23 mm)	6.8" (172 mm)
10.5 mil GS1 DataBar	0.4" (10 mm)	8.3" (210 mm)
13 mil UPC	0.7" (18 mm)	10.6" (270 mm)
5 mil Data Matrix	1.3" (33 mm)	4.1" (105 mm)
6.3 mil Data Matrix	0.9" (23 mm)	5.5" (140 mm)
10 mil Data Matrix	0.4" (10 mm)	6.7" (170 mm)
20.8 mil Data Matrix	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. 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 license. Other trademarks and trade names are those of their respective owners.

Performance Characteristics

Field of View	High Density Field: 30° horizontal by 20° vertical Wide Field: 50° horizontal by 33.5° vertical
Focal Point	Approximately 100 mm
Sensor	CMOS 1.2 Megapixel (1280 x 960) gray scale
Optical Resolution	High Density Field: 960 x 640 Wide 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
Ambient Light Immunity	Sunlight: Up to 9,000ft-candles/96,890 lux
Shock	Withstands multiple drops of 6' (1.8 Meters to concrete)
Power Requirements	5 VDC Charging Station: 5 W Max Quad-Bay Charger: 6 W Max
Number of Scans	Up to 50,000 scans per charge
ESD Protection	15 kV AIR, 8 kV DIRECT
Charging Station Communication Interfaces	USB 2.0 (Generic HID, HID Keyboard)
Reader Communication	Bluetooth 5 Low Energy (Class II)
Warranty	services.codecorp.com/protect/

Accessories

- USB Charging Cable
- Power Supplies
- Battery Cartridge
- Charging Station with Embedded Bluetooth Radio
- Desktop Mount
- Wall Mount Bracket
- VESA Mount Bracket
- Precut Adhesive Tapes
- Thumb Screws



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