



REVOLUTIONISING DATA CAPTURE

CODE READER™ T100



Rugged design.
Seamless experience.

Automate your operations with accuracy

A critical component of your intelligent ecosystem

Consumer-grade functionality. Industrial-grade durability. No wake time. No down time. No kidding.

- ▶ Patented dual-field optics scan more types of barcodes than any other reader
- ▶ IP54 rating seals out dust and moisture
- ▶ Lightweight and compact
- ▶ Visual, audible, and haptic indicators customizable for workflow needs
- ▶ Powerful JavaScript platform for complete device control

FEATURES AT A GLANCE



CR1100

LIGHTNING-FAST SCANS



Scanner options

Article No.	Description
176697	Code Reader™ 1100 Barcode Scanner
176698	Code Reader™ 1100 Barcode Scanner with Stand

Accessories

Article No.	Description
176506	USB to RJ45 1.8 m Cable for Code Reader Barcode Scanner

Physical characteristics

Dimensions	63.50 mm (W) x 63.50 mm (H) x 19.05 mm (D)
Weight (kg)	53.86 g
Colour	Dark Grey

Performance characteristics

Field of View	High Density Field: 30° Horizontal by 20° Vertical, 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	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 (470nm)
Ambient Light Immunity	Sunlight: Up to 9,000ft-candles/96,890 lux
Drop Test	Resistant to 1.8 metre drops
Power Requirements	Reader @ 5vdc (mA): Typical = less than 300 mA; Idle = less than 1 mA
Reader/Scanner Unit Communication	RS232, USB 2.0 (Generic HID, HID keyboard, Virtual COM port)
Warranty	2 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 128, Code 32, Code 39, Code 93, GS1 DataBar, Hong Kong 2 of 5, IATA 2 of 5, Interleaved 2 of 5, MSI Plessey, Matrix 2 of 5, NEC 2 of 5, Plessey, Straight 2 of 5, Telepen, Trioptic, UPC / EAN / JAN, Pharmacode
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, GoCode® (proprietary--add'l license req'd), Grid Matrix, HanXin Code, Micro QR Code, QR Code, QR Model 1
Decode Capability - Postal	Australian Post, Canada Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Planet, Post-Net, UK Royal Mail, UPU ID-tags
Image Output Options	JPEG, PGM
Field Selection	High Density or Wide Field
Advanced Data Editing	JavaScript

Typical working ranges

	3 mil Code 39	7.5 mil Code 39	10.5 mil GS1 Databar	13 mil UPC	5 mil DM	6.3 mil DM	10 mil DM	20.8 mil DM
Minimum	84 mm	48 mm	15 mm	33 mm	48 mm	36 mm	15 mm	25 mm
Maximum	109 mm	178 mm	196 mm	287 mm	122 mm	142 mm	183 mm	320 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 reader. Test conditions may affect working ranges.