GET BETTER WITH BRADY
CODE READER™ 1500

Lightning-fast workflows
Industrial-grade durability

Get scanning — right away.
Simple. Easy. Intuitive.

Seamless integration with the most trusted scanning tool around.

Simplify your most complex data editing requirements

▶ 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 customisable for workflow needs

▶ Powerful JavaScript platform for complete device control

FEATURES AT A GLANCE

IMAGER	1D	2D
PDF	POSTAL	CortexRM™
USB	RS232	BLUETOOTH
JAVASCRIPT	MEMORY	SCREEN & KEYPAD
CODESHIELD™		

CR1500

READ ANY SIZE BARCODE.
ANY SURFACE. ANY CONDITION.

Physical characteristics

Dimensions	50.80 mm (W) x 132.10 mm (H) x 76.20 mm (D)
Weight (kg)	0.12 kg
Ingress Protection Rating	IP54
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, 470 nm
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 350 mA; Idle = 75 mA
Reader/Scanner Unit Communication	RS232 USB 2.0 (Generic HID, HID keyboard, Virtual COM port)
Warranty	5 years

Scanner options

Article No.	Description
176510	Code Reader™ 1500 Barcode Scanner
176511	Code Reader™ 1500 Barcode Scanner with Stand

Accessories

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

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® (prorietary--add'l license req'd), Grid Matrix, HanXin Code, Micro QR Code, QR Code, QR Model 1
Decode Capability - Postal	Australian Post, Canada Post, Itelligent 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
Data Parsing	HIBC, GS1, Driver's licences and ID Cards (optional licence required)
Data Structure Validation	ISO 15418, ISO 15434, HIBC UDI

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	85 mm	18 mm	5 mm	13 mm	28 mm	18 mm	5 mm	13 mm
Maximum	107 mm	167 mm	205 mm	265 mm	100 mm	135 mm	165 mm	328 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.
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