code

CODE READER 2500™/CODE READER 3500™

With new high-performance bar code reading technology the CR2500 / CR3500 are the most advanced mobile bar code readers on the market today. These unique scanners decode bar codes faster and offer features not found in other readers, including new automatic glare reducing illumination technology. The result is unequalled performance, even on difficult reading surfaces, including circuit boards, IV bags, patient-wristbands, driver licenses and other shiny or curved surfaces.

CR2500 / CR3500 establish new benchmark in aggressive reading performance and ease of use in a mobile imaging reader.

In addition to all the advantages of the CR2500, the CR3500 includes information display and keyboard entry, making it an ideal bar code reading solution that can be deployed in both low and high-volume use-case scenarios.

CR2500

CR3500

WHY NOT BE A USER OF ...

- NEW reflection and glare reducing illumination
- High speed digital image capture
- Reads both wide linear and 2D matrix bar codes
- Unequalled performance on rounded, curved, and shiny surfaces
- Multicolour LEDs with optimal focus
- User feedback with vibration and/or audible tones
- Over 10 MB of batch data and JavaScript memory
- Reads all linear stacked and 2D matrix symbologies
- Firmware is field upgradeable
- Data output via Bluetooth, USB, RS232 or PS/2
- Powerful data management capability via JavaScript
- Lightweight, ergonomic, fully-mobile modular design (hand held, handle, presentation stand)
- Rapid battery replacement, multiple battery formats and recharging options
- Withstands multiple drops to concrete from 1.8 metres

... ADVANCED MOBILE SCANNER TECHNOLOGY

Order Reference	Description
361107	CR2500 Core Unit + BH2 + 6ft USB
361106	CR3500 Core Unit + BH2 + 6ft USB

PERFORMANCE CHARACTERISTICS

CR3500			CR2500
✓	Field of View:	High Density Field: 17º horizontal by 10.5º vertical Wide Field: 33º horizontal by 10.5º vertical	✓
✓	Focal Point:	High Density Field: approximately 85 mm Wide Field: approximately 85 mm	✓
✓	Sensor:	Progressive Scan CMOS 1.33 MP (1024x1280) 256 level grey scale	✓
✓	Optical Resolution:	High-Density Field: 1024 x 640 Wide Field: 1024 x 640	✓
✓	Pitch:	± 60 ° (from front to back)	✓
✓	Skew:	± 60 ° from plane parallel to symbol (side-to-side)	✓
✓	Rotational Tolerance:	± 180 °	✓
✓	Print Contrast Res.:	25% (1-D symbologies) or 35% (PDF417) absolute dark/light reflectance differential, measured at 650 nm	✓
✓	Target Beam:	LED multicolour, optimal focus and field of view indicator	✓
✓	Ambient Light Immunity:	Sunlight: Up to 9,000ft-candles/96,890 lux	✓
✓	Shock:	Withstands multiple drops of 1.8 metres to concrete	✓
✓	Power Requirements:	Reader @ 5vdc (mA) - Typical = 180; Peak = 460; Idle = n/a; Sleep = 3; Bluetooth Radio @ 90m away (mA) Typical = 215 Peak = 595; Idle = 55; Sleep = 3	✓
✓	Optional Cable Interfaces:	USB (Full Speed), RS232 & PS/2	✓
✓	Memory Capacity:	10 MB Non-Volatile Memory	✓
✓	Operational Modes:	Bluetooth Wireless, Cabled or Batch Modes	✓
✓	Display:	128 x 128 Monochrome	✗
✓	Keypad:	21 Keys	✗

SOFTWARE, SERVICES AND DATA COLLECTION

When performance matters most

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CODE READER 1200™

Simple, fast and affordable, CR1200 is the industry's next generation bar code reader, providing the power of digital imaging technology at the lowest cost, built for cabled 'point and shoot' omni-directional applications. CR1200 is bar code reading simplicity defined, and its rugged yet lightweight flexibility makes it an ideal reader for all linear and matrix bar code reading applications.

While simple in design and function, the CR1200 is singularly adept in data and image capture and decoding performance, making it the industry's best-in-class bar code reader for production work-in-process, point-of-sale, inventory management, supply chain functions and point-to-point logistics.

WHAT YOU WILL GET IS ...

- Most affordable, and the industry's best priced, cabled bar code reader
- Durable overmolded housing and secured cable ensure drop-shock surviveability
- Ruggedised design with permanent lanyard hook
- Exceptionally 'smooth feel' trigger - three million activations
- Three modes of user feedback ensures 'good read': Vibration motor provides tactile feedback in noisy or silent environments; visual feedback with multicolour LED; and audible tones
- Reads and decodes all symbologies including: 1D, 2D, Datmatrix, PDF417 and 30+ others
- Firmware is field upgradable; can be remotely managed from single-source location
- Dynamic Optimization Technology continuously improves reader performance
- JavaScript Application Development Suite allows program development to prepare captured data for integration with enterprise software
- Three cabling choices: USB, RS232* or PS2*

... A SCANNER THAT PAYS OFF

Order Reference	Description
361109	CR1200 + 6ft USB

PERFORMANCE CHARACTERISTICS

Field of View:	43.48º horizontal by 31.86º vertical
Focal Point:	Approximately 104 mm
Sensor:	Progressive Scan CMOS 1.33 MP Processor - RMI Alchemy Au1200™ 400MHz
Optical Resolution:	1280 x 1024 pixels
Pitch:	± 60 ° (from front to back)
Skew:	± 60 ° from plane parallel to symbol (side-to-side)
Rotational Tolerance:	± 180 °
Print Contrast Res.:	25% (1-D symbologies) or 35% (PDF417) absolute dark/light reflectance differential, measured at 650 nm
Target Beam:	Two targeting LEDs converge for optimal focus
Ambient Light Immunity:	Sunlight: Up to 9,000ft-candles/96,890 lux
Shock:	Withstands multiple drops of 1.8 metres to concrete
Power Requirements:	Reader @ 5 vdc (mA): Idle = 250mA; Peak (Typical) = 330mA; Peak (Max) = 345mA
Optional Cable Interfaces:	USB 2.0 Compliant (Full Speed), RS232 & PS/2
Code Quality:	Code Readability Index
Operational Modes:	Cabled only

To be ordered seperately

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MICROSCAN®

Precision Data Acquisition and Control Solutions

code

Ultimate Device to Keep the Power: The Universal Mountable Charger

- Designed to firmly and reliably hold and charge wireless versions of all CR's equipped with a BH1 or BH2 Battery Handle
- Ideal for mobile carts and countertop applications
- Drain holes at sides of the charger quickly remove liquids from the system, thus minimizing potential damage from accidental spill
- LED charging status indicator
- Positions the bar code reader in presentation mode for hands-free reading applications,
- Allows for fast and easy removal of the reader from the charger when hand-held use is required
- User-friendly, angled-downward design avoids glare in user's eyes
- Optional weighted base

The power charger can only be used for the CR2500 and CR3500 Code Readers

For more information on full scanner range, technical datasheets, complete ID solutions, technical support, labelling solutions and other information, feel free to contact your nearest Brady Office.

Order Reference	Description
361098	Universal Mountable Charger - European Version
361099	Universal Mountable Charger - UK Version

MICROSCAN IMAGERS

Microscan – world respected designer and developer of 2D imagers for direct part mark reading and verification. Microscan products serve all major industries including automotive, aerospace, electronics, factory automation, packaging, and more.

MS-4 - Ultra-Compact Imager

The MS-4 imager is designed specifically for embedded bar code applications. Currently the world's smallest high resolution images, the MS-4's ultra-compact size and wide angle optics provide the widest field view available for reading any symbol at close range.

It is the ideal imager for OEM design engineers who need to read 2D symbols in tight spaces with 100% data integrity.
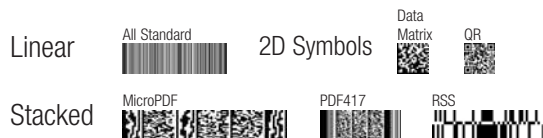
AT A GLANCE
- 1D and 2D barcodes
- Decodes / second: up to 10
- Wide field of View
- "Good read" green flash
- Easy Setup Program
- EZ Button
- Optional USB connectivity
- Up to 132mm read range

Available barcodes

Applications
- Robotics
- Terminal
- Pharmaceutical Market

| Linear | All Standard | 2D Symbols | Data Matrix | QR |
| Stacked | MicroPDF | | PDF417 | RSS |

SOFTWARE, SERVICES AND DATA COLLECTION

MICROSCAN IMAGERS   **MICROSCAN**®   **Precision Data Acquisition and Control Solutions**

Quadrus MINI Imager - Versatile MINI Imager for Auto ID

The Quadrus MINI imager easily solves a wide variety of track, trace and control needs across all industries. The autofocus, megapixel imager read all standard barcodes and 2D symbols, plus multiple codes per capture. ESD-safe and high resolution configurations are available to provide maximum application flexibility.
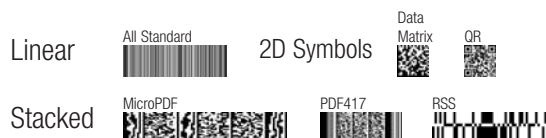
With easy set up and powerful image processing, the Quadrus MINI is an ideal solution for virtually all bar code applications.

AT A GLANCE
- 1D and 2D barcodes
- Decodes / second: up to 10
- Wide field of view
- "Good read" green flash
- Autofocus
- Patented Quadrus Technology
- Easy Setup Program
- Optional USB connectivity
- Up to 229 mm read range

Available Barcodes

			Data Matrix	QR
Linear	All Standard	2D Symbols		

	MicroPDF	PDF417	RSS
Stacked			

Applications
- Printed Circuit Assembley
- Direct Part Mark
- Automotive Industry
- Assembly Line Manufacturing
- High Speed Robotics
- Pharmaceutical Market

MS-3 Laser - Ultra- Compact Bar Code Scanner

The MS3 Laser offers the fastest read performance in embedded compact bar code scanners. The wide scan angle of 70 degrees is coupled with ultra-compact size and flexible mounting
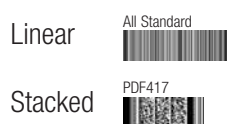
High performance and flexibility make the MS-3 Laser the optimal choice for reliable reading in embedded instruments.

AT A GLANCE
- 1D barcodes
- Decodes / second : up to 1000
- Wide scan angle
- EZ Button
- Easy Setup Program
- "Good read" green flash
- Optional USB connectivity

Available barcodes

	All Standard
Linear	

	PDF417
Stacked	

Applications
- Robotics
- Terminal
- Pharmaceutical Market