



REVOLUTIONISING DATA CAPTURE

CODE READER™ 2700



Modernise workflows
Minimise downtime

Get better visibility throughout your facility

The plug-and-play scanning you need to get the job done right

Battery life lasts a whole shift, and then some

- ▶ High-speed, omnidirectional reading of 1D and 2D barcodes
- ▶ Eliminate contact failure with inductive charging
- ▶ Keeps dust and liquid out with superior IP65 case
- ▶ Visual, audible and haptic feedback (can be tailored to workflow needs)
- ▶ Adapts to your workflows with multiple programmable buttons
- ▶ QuickConnect to host PC via base station, dongle or DirectConnect
- ▶ Get full control of scanner and data with powerful JavaScript platform
- ▶ Store data for later offload in batch mode
- ▶ Enhance data security and extend battery life with Bluetooth® 5 Low Energy
- ▶ Proactive management with smart battery with built-in power gauge
- ▶ Compatible with Android, iOS and Windows (via USB or Bluetooth)

FEATURES AT A GLANCE



CR2700

ULTRA-FAST SCANNING
UNPARALLELED PERFORMANCE



Scanner options

Article No.	Description
176515	Code Reader™ 2700 Handheld Barcode Scanner
176516	Code Reader™ 2700 Handheld Barcode Scanner with Charging Station
176517	Code Reader™ 2700 Palm Barcode Scanner
176518	Code Reader™ 2700 Palm Barcode Scanner with Charging Station

Accessories

Article No.	Description
176514	Code Reader™ 2700 Bluetooth Inductive Charging Station with 1.8 m USB Cable
176519	Code Reader™ 2700 Inductive Charging Station with 0.9 m USB Cable
176521	Code Reader™ 2700 Inductive Charging Station Wall Mount
176512	Code Reader™ 2700 Inductive Charging Station Base Mount
176508	USB to Micro USB 1.8 m Cable for Code Reader Barcode Scanner
176513	Code Reader™ 2700 Bluetooth Dongle
176520	Code Reader™ 2700 Quad Bay Battery Charging Station
176699	CR2700 Battery

Physical characteristics

Palm Reader Dimensions	53.34 mm (W) x 28.00 mm (H) x 131.00 mm (D)
Handle Reader Dimensions	53.34 mm (W) x 135.00 mm (H) x 131.00 mm (D)
Charging Station Dimensions	101.60 mm (W) x 76.20 mm (H) x 101.60 mm (D)
Palm Reader Weight	0.12 kg
Handle Reader Weight	0.12 kg
Charging Station Weight	0.097 kg
Ingress Protection Rating	IP65
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
Ambient Light Immunity	Sunlight: Up to 9,000ft-candles/96,890 lux
Drop Test	Resistant to 1.8 metre drops
Power Requirements	Reader @ 5vdc; Charging Station: 5 W Max; Quad-Bay Charger: 6 W Max
Number of Scans	Up to 50,000 scans per charge
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 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, 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, 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
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	90 mm	23 mm	10 mm	18 mm	33 mm	23 mm	10 mm	18 mm
Maximum	112 mm	172 mm	210 mm	270 mm	105 mm	140 mm	170 mm	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 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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