

## CODE READER™ 3600 AGE VERIFICATION APPLICATION



### Features & Benefits

- Reads all barcoded identification cards
- Alerts user if patron is underage
- Customizable data parsing
- Programmable, color display screen
- Vibration feedback for noisy environments
- Does not require a PC or manual data management
- No monthly software fees
- Reads barcodes from mobile device screens
- Durable, quick-release rechargeable battery cartridges
- Multiple programmable buttons for customized work flow processes
- Available in palm and handled configurations

### Protect your business and minimize risk.

It only takes one age verification error in the sale of alcohol, tobacco, and other age restricted products and services for a business to face fines and penalties that could threaten the reputation or even the future of a business.

To protect businesses from age verification infractions, Code has designed the CR3600, an easy-to-use age verification solution that combines reliable 2D barcode reading with advanced data parsing capabilities.

With accurate, on-the-spot reading of state issued barcoded identification, the CR3600 is an out-of-the-box solution that does not require a PC or manual management of data to display a patron's name and age on its bright, color display screen.

For additional efficiency, businesses may select to store time-stamped scanned data on the reader's non-volatile memory – ensuring legislation compliance.

### Multiple scenarios. One reader.

To maximize its productivity, the CR3600 can be integrated into advanced data capture applications to populate loyalty form applications, customer queries, inventory management workflows, and more.

Available in palm and handled configurations, the CR3600 is a future-proof investment and the most cost-effective age verification solution available on the market today.



*Palm configuration with charging station.*

### Applications

Age verification, driver license parsing, loyalty application, customer queries

### Features at a glance



\*USB and RS232 communication modes are available via CodeXML Modems.

# CODE READER™ 3600 SPECIFICATIONS

## Physical Characteristics

<b>Palm Reader Dimensions</b>	1.4" H x 5.1" L x 2.0" W (36mm H x 130mm L x 51mm W)
<b>Handle Reader Dimensions</b>	5.6" H x 5.1" L x 2.0" W (142mm H x 130mm L x 51mm W)
<b>Charging Station Dimensions</b>	2.4" H x 4.5" L x 3.3" W (60mm H x 115mm L x 83mm W)
<b>Palm Reader Weight</b>	5.5 oz (155.9 g)
<b>Handle Reader Weight</b>	6.9 oz (195.6 g)
<b>Battery Weight</b>	1.7 oz (48 g)
<b>Charging Station with Embedded Modem Weight</b>	4.3 oz (121.9 g)
<b>Charging Station without Embedded Modem Weight</b>	3.8 oz (107.7 g)
<b>LCD Active Area Dimensions</b>	1.04" H x 1" W (26.5mm H x 25.5mm W)
<b>IP Rating</b>	54

## User Environment

<b>Operating Temperature</b>	-20° to 55° C / -4° to 131° F
<b>Storage Temperature</b>	-30° to 65° C / -22° to 150° F
<b>Humidity</b>	5% to 95% non-condensing
<b>Decode Capability</b>	<p><b>1D:</b> Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar (RSS), 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</p> <p><b>Stacked 1D:</b> Codablock F, MicroPDF, PDF417, GS1 Composite (CC-A/CC-B/CC-C)</p> <p><b>2D:</b> Aztec Code, Data Matrix, Han Xin, MaxiCode, Micro QR, QR Code</p> <p><b>Proprietary 2D:</b> GoCode® (Additional License Required)</p> <p><b>Postal Codes:</b> Australian Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Planet, Postnet, UK Royal Mail, UPU ID-tags</p>
<b>Image Output Options</b>	Formats: JPEG or PGM
<b>Field Selection</b>	High Density or Wide Field
<b>Time Stamp</b>	Real-Time Stamp
<b>Data Editing</b>	JavaScript / CodeXML® Rules

## Working Ranges

CR3600 Performance		
Test Barcode	Min Inches (mm)	Max Inches (mm)
3 mil Code 39	3.1" (80 mm)	4.0" (102 mm)
7.5 mil Code 39	1.3" (33 mm)	7.2" (182 mm)
10.5 mil GS1 DataBar	0.8" (20 mm)	8.7" (220 mm)
13 mil UPC	1.1" (28 mm)	11.0" (280 mm)
5 mil DM	1.7" (43 mm)	4.5" (115 mm)
6.3 mil DM	1.3" (33 mm)	5.9" (150 mm)
10 mil DM	0.8" (20 mm)	7.1" (180 mm)
20.8 mil DM	1.1" (28 mm)	13.5" (343 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. Default AGC settings were used. Accuracy= +/- 10%.

## Performance Characteristics

<b>Field of View</b>	High Density Field: 30° horizontal by 20° vertical Wide Field: 50° horizontal by 33.5° vertical
<b>Focal Point</b>	Approximately 100 mm
<b>Sensor</b>	CMOS 1.2 Megapixel (1280 x 960) gray scale
<b>Optical Resolution</b>	High Density Field: 960 x 640 Wide Field: 960 x 640
<b>Display Resolution</b>	128 x 128 (RGB)
<b>Pitch</b>	± 60° (from front to back)
<b>Skew</b>	± 60° from plane parallel to symbol (side-to-side)
<b>Rotational Tolerance</b>	± 180°
<b>Print Contrast</b>	25% (1D symbologies) or 35% (2D symbologies) absolute dark/light reflectance differential, measured at 650 nm
<b>Target Beam</b>	Single, blue targeting bar
<b>Ambient Light Immunity</b>	Sunlight: Up to 9,000ft-candles/96,890 lux
<b>Shock</b>	Withstands multiple drops of 6' (1.8 Meters) to concrete
<b>Power Requirements</b>	<p>Reader @ 4.2vdc (mA): Typical = 179 mA; Peak = 331 mA; Idle = 101 mA; Sleep = 25 mA</p> <p>Charging Station with Embedded CodeXML® Modem: USB max charge rate = 542 mA USB trickle charge rate = 157 mA</p> <p>Charging Station with External CodeXML® M3 Modem: USB max charge rate = 495 mA USB trickle charge rate = 123 mA</p>
<b>Number of Scans</b>	Up to 30,000 scans per charge
<b>Memory Capacity</b>	128MB Flash ROM, 32MB RAM
<b>Bluetooth Modem</b>	RS232, USB.2.0 (Generic HID, HID Keyboard, Virtual COM Port)
<b>Communication Interfaces Operational Mode</b>	Bluetooth (Class II)

## Accessories

- Lithium-Ion Battery
- Charging Station
- Charging Station with Embedded CodeXML® Modem
- CodeXML® M3 Modem (external)
- CodeXML® Router Software
- USB Charging Cable, US, Europe/South America, UK Power Supplies
- Various Cable Options Available. Visit [www.codecorp.com/cables.php](http://www.codecorp.com/cables.php) for a list of compatible cables
- Software Development Kits



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