code®
ADVANCED BARCODE READERS

CODE READER™ 3600
AGE VERIFICATION APPLICATION

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.

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

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

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

User Environment

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

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

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