USER MANUAL
NORTH AMERICA

CR3600

MANUAL VERSION 03
RELEASE DATE: NOVEMBER 2015

www.codecorp.com

Configuration Guide

YouTube.com/codecorporation

code
ADVANCED BARCODE READERS

Statement of Agency Compliance

The Code Reader™ 3600 (CR3600) has been tested for compliance with FCC regulations and was found to be compliant with all applicable FCC Rules and Regulations.

IMPORTANT NOTE: To comply with FCC RF exposure compliance requirements, this device must not be co-located or operate in conjunction with any other antenna or transmitter.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The CR3600 has been tested for compliance to CE standards and guidelines and was found to conform to applicable CE standards, specifically the EMC requirements EN 55024, ESD EN 61000-4-2, Radiated RF Immunity EN 61000-4-3, ENV 50204, EFT EN 61000-4-4, Conducted RF Immunity EN 61000-4-6, EN 55022, Class B Radiated Emissions, and Class B Conducted Emissions.

The CR3600 has been tested and certified in compliance with the Technical Regulations Conformity Certification of Specified Radio Equipment (ordinance of MPT N°.37. 1981), Article 2, Paragraph 1, Item 19.

Code voids product warranty if the hard case has been opened or tampered with in any way.

The CR3600 meets all safety and quality standards in accordance to EN 60950-1:2006/A11:2009/A1:2010.

CR3600 CodeXML® Modem FCC, Industry Canada and ICES Compliance

FCC:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT! Tous les changements ou modifications pas expressément approuvés par la partie responsable de la conformité ont pu vider l'autorité de l'utilisateur pour actioner cet équipment.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Industry Canada
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Important Note:
Radiation Exposure Statement:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Note Importante: (Pour l'utilisation de dispositifs mobiles)
Declaration d'exposition aus radiations:

Cet équipement est conforme aux limites d´exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipment doit être installé et utilisé avec un mimimum de 20 cm de distance entre la source de rayonnement et votre corps.

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The Code Reader software uses the Mozilla SpiderMonkey JavaScript engine, which is distributed under the terms of the Mozilla Public License Version 1.1. The Code Reader software is based in part on the work of the Independent JPEG Group.

Code Corporation, 12393 S. Gateway Park Place, Ste. 600, Draper, Utah 84020

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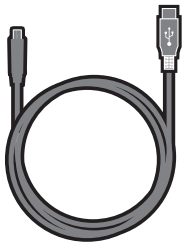
Table of Contents

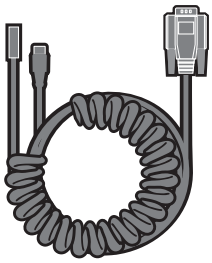
1.0 - Included Items 5
2.0 - Set Up 6
3.0 - Battery Installation and Removal 6
4.0 - Fuel Gauge Battery Status Indicator 6
5.0 - Charging 7
6.0 - Powering On the Reader 7
7.0 - Keypad/Icon Overview 8
8.0 - Scanning 9
9.0 - Viewing Stored Data 9
10.0 - Deleting Stored Data 10
11.0 - Transferring Stored Data 10
12.0 - Manually Entering Data 11
13.0 - Establishing a Bluetooth Connection 12
14.0 - Transmitting Batch Data via Bluetooth Communication 13
15.0 - Transmitting Batch Data via USB Communication 13
16.0 - Wired Communication via USB Downloader Mode 14
17.0 - Reader Feedback 15
18.0 - Reading Ranges 15
19.0 - Symbologies Defaulted On 16
20.0 - Symbologies Defaulted Off 16
21.0 - Configuring a CR3600 16
22.0 - CR3600: Pre-Installed Applications Overview 16
22.1 - CR3600: Event Admissions Application 17
22.2 - CR3600: Tradeshow Admissions Application 18
22.3 - CR3600: Inventory Application 19
23.0 - CR3600DPM: Overview 20
23.1 - CR3600DPM: Scanning 20
24.0 - CR3600AV: Overview 21
24.1 - CR3600AV: Age Restricted Defaults 21
24.2 - CR3600AV: Activating or Deactivating an Age Restricted Type 21
24.3 - CR3600AV: Changing an Active Product Age Limit 22
24.4 - CR3600AV: Adding Custom Age Restricted Product Types 23
24.5 - CR3600AV: Data Storage Overview 24
24.6 - CR3600AV: Activating Data Storage 24
24.7 - CR3600AV: Enabling Blacklist Data Storage 25
24.8 - CR3600AV: Enabling Passbook Data Storage 25
24.9 - CR3600AV: Enabling Retention Data Storage 26
24.10 - CR3600AV: Selecting Retention Data Fields 27
24.11 - CR3600AV: Setting the Retention Data Storage Store Type 28
24.12 - CR3600AV: Setting Date and Time 28
24.13 - CR3600AV: Setting a Passcode 28
24.14 - CR3600AV: Reset to Defaults 29
24.15 - CR3600AV: Feedback 29
24.16 - CR3600AV: Data Storage File Formats 30
25.0 - Reader ID and Firmware Version 30
27.0 - Dimensions 31
27.0 - Charging Station Dimensions 32
28.0 - Maintenance 32
29.0 - Warranty 33

1.0 - Included (if Ordered)

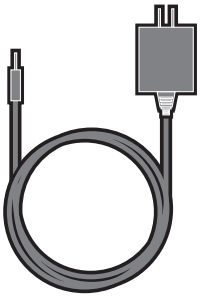
CR3600
(Model #: CR36XX)



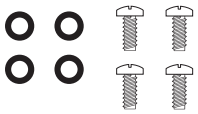
USB 2.0 Cable

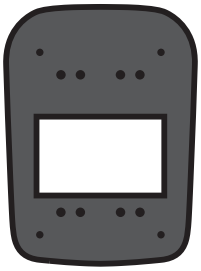


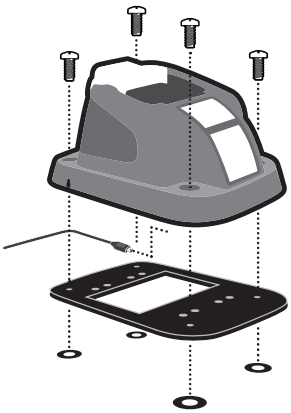
RS232 Cable



5VDC Power Supply

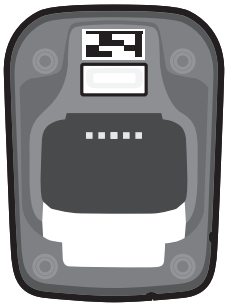






CodeXML® M3 Modem

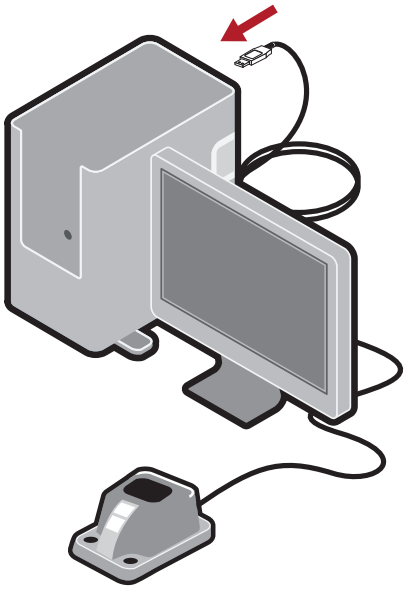
Charging Station

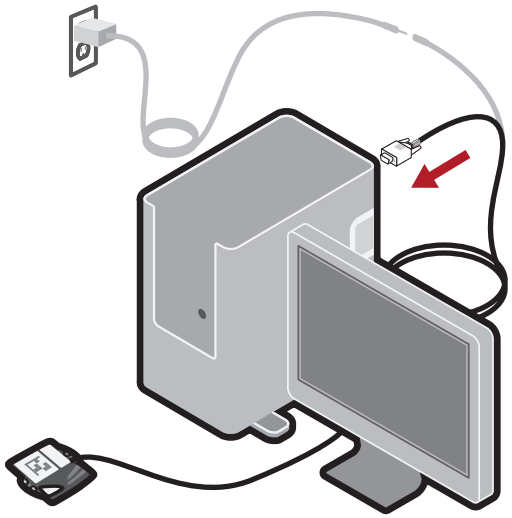


Charging Station
with Embedded
CodeXML® Modem

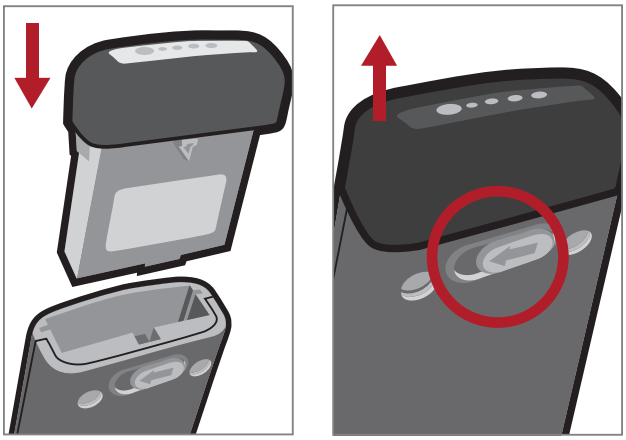
Battery Cartridge

2.0 - Set Up

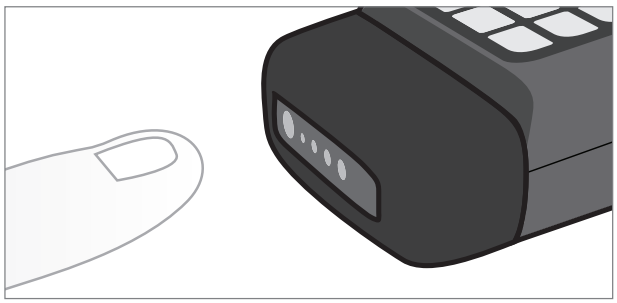




3.0 - Battery Installation and Removal



4.0 - Fuel Gauge Battery Status Indicator



< 10%

< 25%

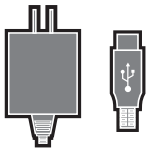
25-50%

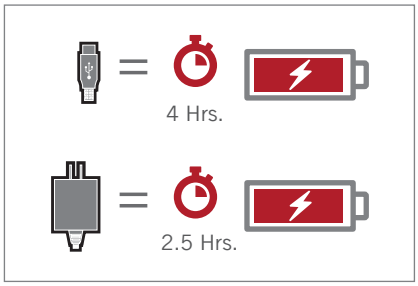
50-75%

75-100%

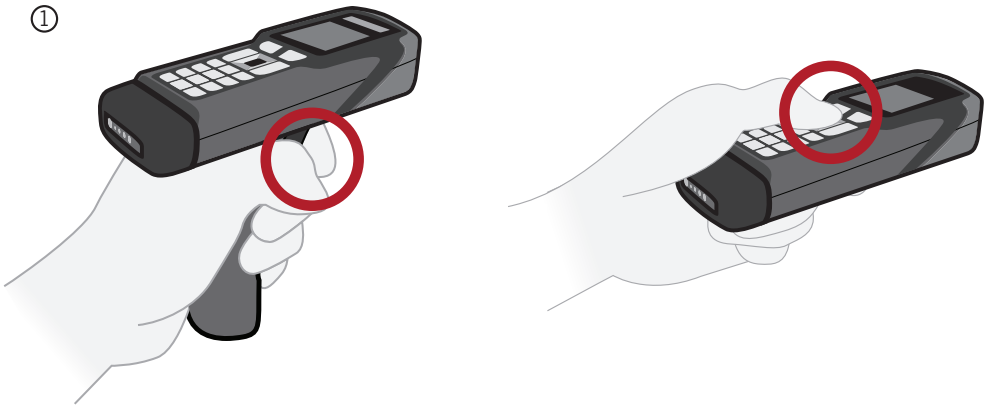
Completely charge before initial use.

5.0 - Charging





6.0 - Powering On the Reader



7.0 - Keypad/Icon Overview

Key	Description of Button Function			
	Numeric Mode	Upper Case Text Mode	Lower Case Text Mode	Symbol Mode
SHIFT	(All Modes) Toggles between numeric characters, upper case text, lower case text, and symbol character input.			
1 space	1	Space, 1	Space, 1	Space) < _
2 ABC	2	A, B, C, 2	a, b, c, 2	! * = `
3 DEF	3	D, E, F, 3	d, e, f, 3	" + > {
4 GHI	4	G, H, I, 4	g, h, i, 4	# , ? |
5 JKL	5	J, K, L, 5	j, k, l, 5	$ - @ }
6 MNO	6	M, N, O, 6	m, n, o, 6	% . [~
7 PQRS	7	P, Q, R, S, 7	p, q, r, s, 7	& / \ Space
8 TUV	8	T, U, V, 8	t, u, v, 8	' :] Space
9 WXYZ	9	W, X, Y, Z, 9	w, x, y, z, 9	(; ^ Space
0	0	0	0	Toggles between 4 sets of symbols – when pressed, the current symbol set is displayed.
CLEAR	Backspace and clear messages	Backspace and clear messages	Backspace and clear messages	Backspace and clear messages

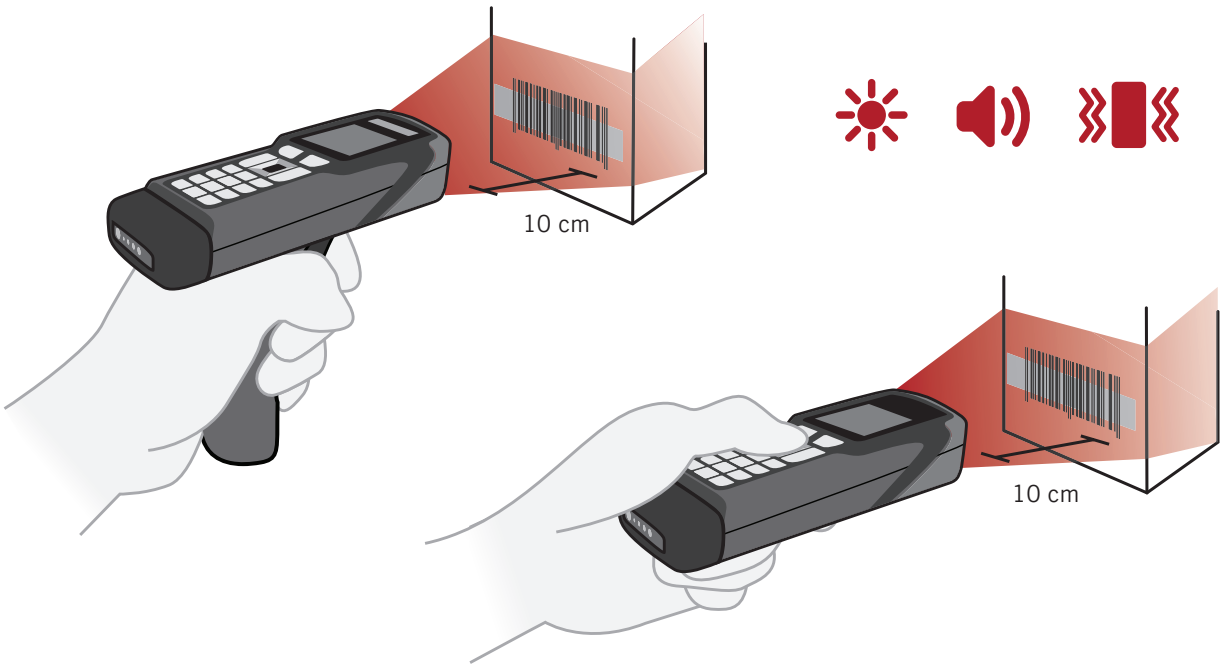
Note: All characters represented in this table are for ASCII mode.

Icon	Description
	Power Icons
	50% to 100% capacity of battery
	20% to 50% capacity of battery
	0% to 20% capacity of battery – recharge battery as soon as possible
	Connection Icons
	Establishing a Bluetooth connection
	No icon is displayed when the reader does not detect a connection
	Communication Mode Icons
	USB communication mode enabled
	Bluetooth communication mode enabled
	Packet Mode Icons
1	Standard Bluetooth Reliability Mode (previously One Way Mode) – no acknowledgement required
2	Additional Bluetooth Reliability Mode (previously Two Way Mode) – packetized communication between a CR3600 and an application
D	USB Downloader mode
K	Keyboard mode – to be used as USB keyboard input mode
S	Secure mode – data encryption mode enabled

Icon	Description
	Memory Icons
	No stored data
	Memory is at 20% full
	Memory is at 40% full
	Memory is at 60% full
	Memory is at 80% full
	Memory is at 100% full
	No batch mode – data will not be stored in the reader's memory if not connected
	Input Mode Icons
A	Caps Lock – data entered manually on the keypad will be in capital letters
a	Lower Case – data entered manually on the keypad will be in lower case letters
1	Numeric – data entered manually on the keypad will be numeric
*	Symbol – data entered manually on the keypad will be symbols
	Locked – buttons pushed on the reader's keypad will be ignored*

*Note: To lock/unlock reader buttons press Shift + Up Arrow simultaneously.

8.0 - Scanning

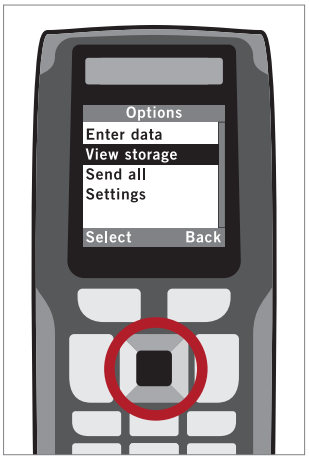


9.0 - Viewing Stored Data

①

Use soft button to select Options.

②



Use the up/down arrow buttons to highlight View Storage. Use the soft button to Select.

③

Use left/right arrow buttons to scroll through stored data.

Shortcut:

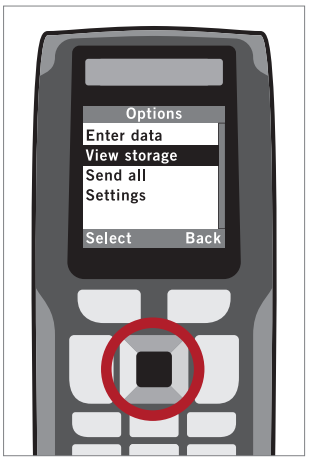
At the Ready screen, use left/ right arrow buttons to scroll through stored data.

10.0 - Deleting Stored Data

①

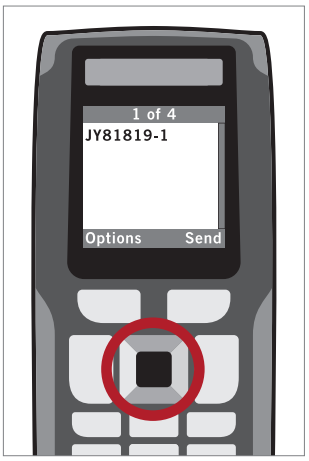
Use soft button to select Options.

②



Use the up/down arrow buttons to highlight View Storage. Use the soft button to Select.

③



Use left/right arrow buttons to scroll to desired data, then select Options with the soft button.

④

Use the up/down arrow buttons to highlight Delete. Use soft button to Select.

11.0 - Transferring Stored Data

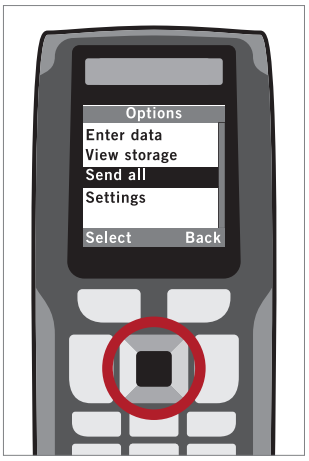
①

Ensure a Bluetooth connection has been established.

②

Use soft button to select Options.

③



Use the up/down arrow button to highlight Send All. Use the soft button to Select.

④

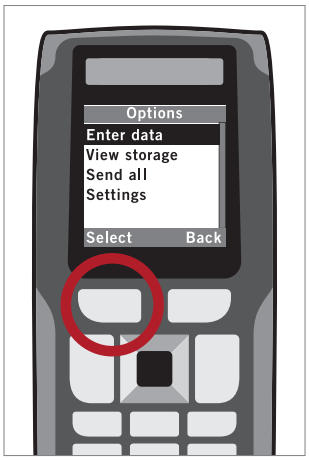
Sent All confirmation will be displayed.

12.0 - Manually Entering Data

①

Use soft button to select Options.

②



Use soft button to select Enter Data.

③

Press ‘SHIFT’ to cycle through numbers, text or symbols.

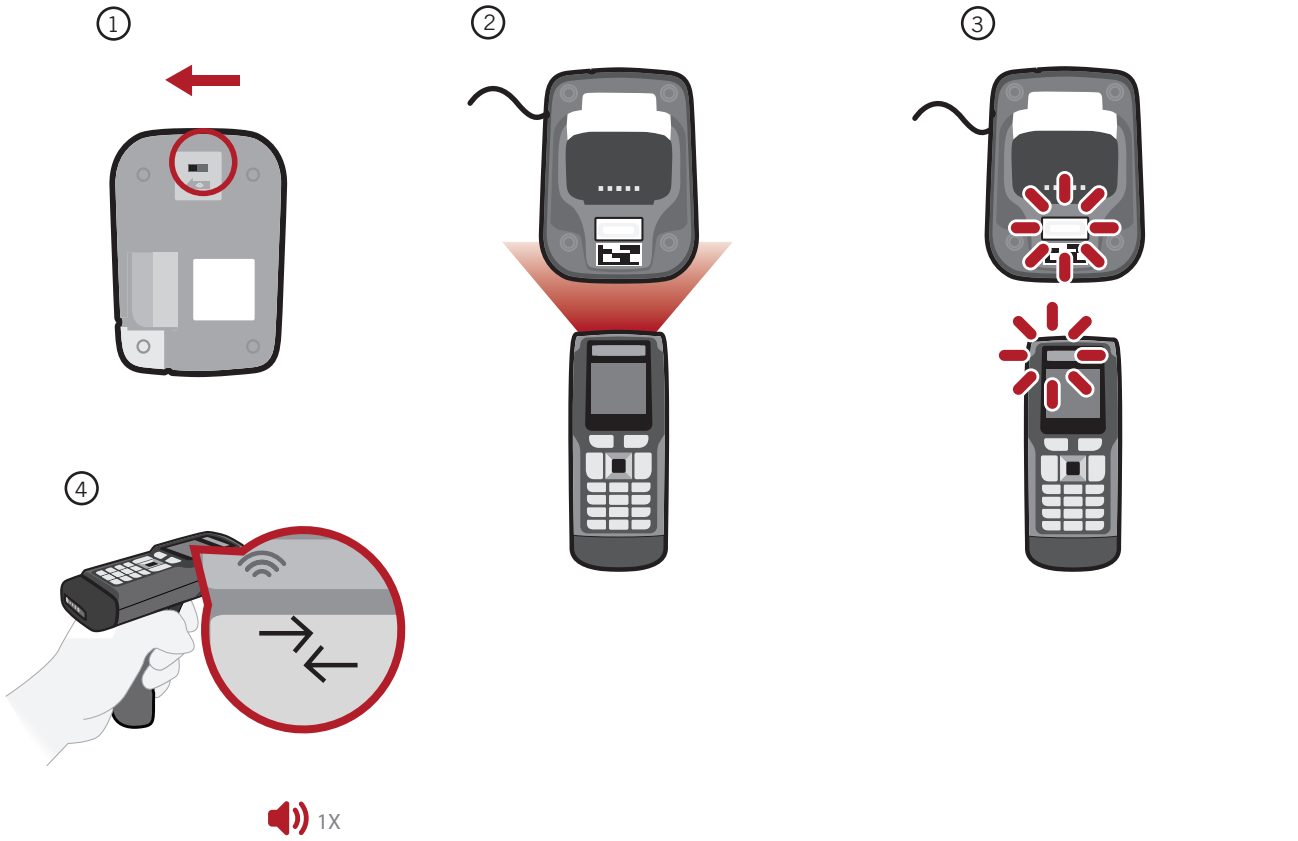
Press any key multiple times to cycle available letters.

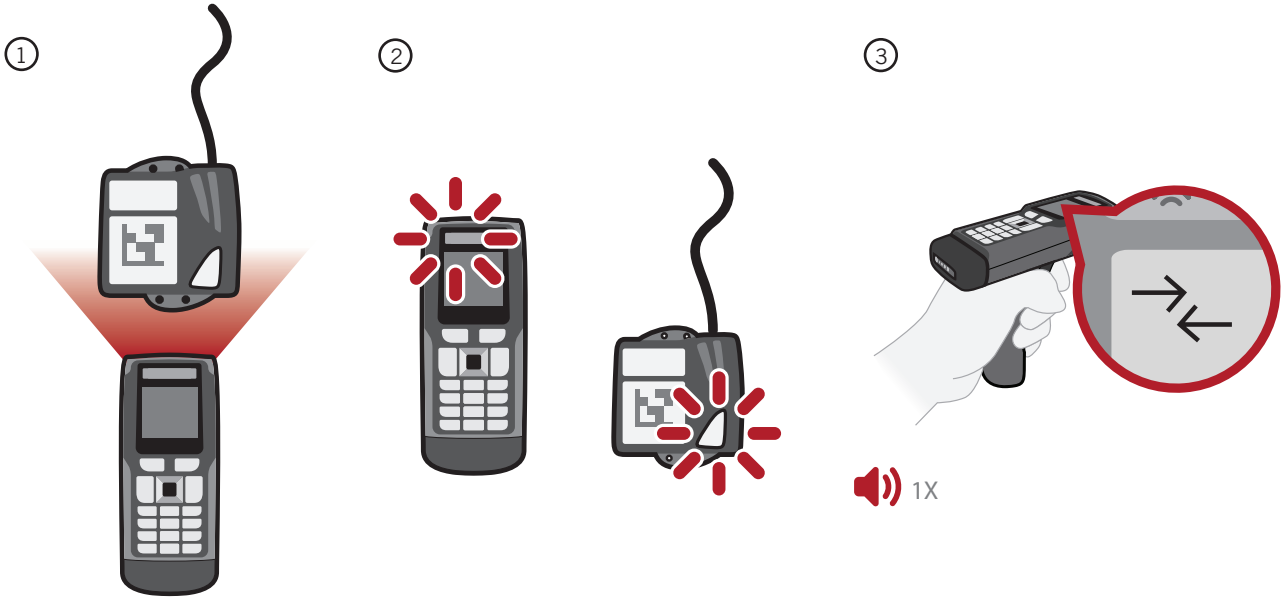
Press ‘0’ to cycle through available symbols.

④

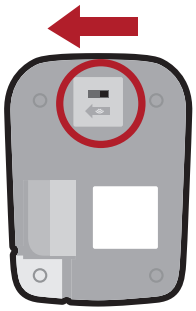
When done, press Enter key to send data.

13.0 - Establishing a Bluetooth Connection



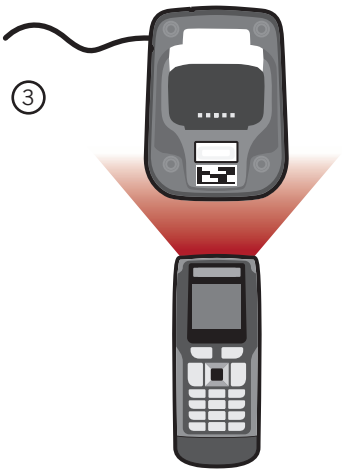


14.0 - Transmitting Batch Data via Bluetooth Communication

① 

Scan the Batch Mode Enable - Log Only* configuration barcode to save scanned data to reader memory.

② M10188_04

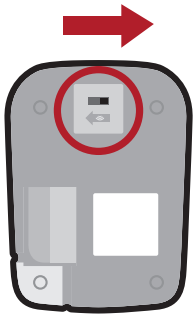
③ 

Open an application on the host device. Scan the Batch Mode Transfer All Data and Images in Memory* configuration barcode to transfer data to the host device.

④ M10297_01

* Additional Batch Mode and Communication configuration options are available in the CR3600 Configuration Guide located at www.codecorp.com/files.php

15.0 - Transmitting Batch Data via USB Communication

① 

Scan the USB Keyboard Mode - Batch Mode Only* configuration barcode:

② M10200_01

Scan the Batch Mode Enable - Log Only* configuration barcode to save scanned data to reader memory.

③ M10188_04

(next page)

15.0 - Transmitting Batch Data via USB Communication (continued)

Scan the Batch Mode Auto Transfer Buffer Memory On* configuration barcode to automatically upload scanned data to reader memory.

Open an application on the host device. Dock the reader into the charging station to automatically transfer data to the host device. Note: Data, in this mode, will not be deleted from memory.

④

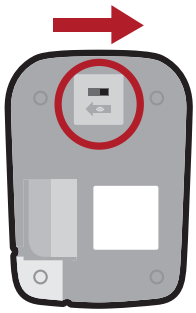
M10307_01

⑤

* Additional Batch Mode and Communication configuration options are available in the CR3600 Configuration Guide located at www.codecorp.com/files.php

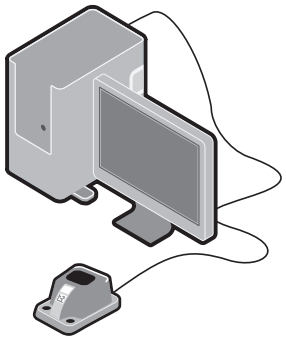
16.0 - Wired Communication via USB Downloader Mode

①



②

Open CortexTools®



③

Scan USB Downloader Mode configuration barcode:

M10004_02

④

17.0 - Reader Feedback

Scenario	LEDs on Reader	Sound	Vibrate
Successfully Powers Up	All LEDs Flash	1X	
Successfully Connects with Host	Wireless Icon Flashes	1X	
Unsuccessfully Connects with Host	–	3X	–
Successful Decode and Data Transfer	Good Read Indicator will Flash	1X	
Unsuccessful Decode and Data Transfer	–	3X	–
Configuration Barcode Successfully Decoded and Processed	Good Read Indicator will Flash	2X	
Configuration Barcode Unsuccessfully Decoded and Processed	–	4X	–
Batch Mode Enabled and No Data is Stored	– Batch Icon Off	–	–
Batch Mode Enabled and Data Stored	Batch Icon Flashes	2X	–
Memory Space for Batching is Full	Batch Icon Flashes 5 Times a Second	–	–
Batch Mode Enabled, Data Stored, and Reader is in Sleep Mode	Batch Icon Flashes Once Every 10 Seconds	–	–

18.0 - Reading 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 Data Matrix	1.7” (43 mm)	4.5” (115 mm)
6.3 mil Data Matrix	1.3” (33 mm)	5.9” (150 mm)
10 mil Data Matrix	0.8” (20 mm)	7.1” (180 mm)
20.8 mil Data Matrix	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%.

19.0 - Symbologies Defaulted On

The following are symbologies that have a default of ON. To turn symbologies on or off, scan the symbology barcodes located in the CR3600 Configuration Guide located on our website at http://www.codecorp.com.

Aztec
Codabar
Code 39
Code 93
Code 128
Data Matrix
Data Matrix Rectangle
All GS1 DataBar
Interleaved 2 of 5
PDF417
QR Code
UPC/EAN/UPC-E

20.0 - Symbologies Defaulted Off

The following are symbologies that have a default of OFF. To turn symbologies on or off, scan the symbology barcodes located in the CR3600 Configuration Guide located on our website at http://www.codecorp.com.

Codablock F
Code 11
Code 32
Code 49
Composite
Data Matrix Inverse
Han Xin Code
Hong Kong 2 of 5
IATA 2 of 5
Maxicode
Matrix 2 of 5
Micro PDF417
MSI Plessey
NEC 2 of 5
Pharmacode
Plessey
Straight 2 of 5
Telepen
Trioptic
Postal Codes

21.0 - Configuring a CR3600

The online Configuration Guide Generator found at www.codecorp.com/configguide may be used to quickly configure a CR3600 to desired settings.

22.0 - CR3600: Pre-Installed Applications Overview

The CR3600 ships with two pre-installed applications: Admissions (Events and Tradeshows) and Inventory. These applications will appear during initial boot-up of the reader and can be accessed at a later time by selecting Settings > Applications > Pre-Installation > Run. For app customization, the CR3600 Software Development Kit (SDK) is available for download from www.codecorp.com.

Use up/down arrow buttons to highlight desired application. Use the soft button to Select.

22.1 - CR3600: Event Admissions Application

The Event Admissions application will read 1D barcodes that are 19 characters in length. It is recommended the format be set-up as follows:

Example: 00001kurban10152013

①

Use the up/down arrow buttons to highlight Admissions. Use the soft button to Select.

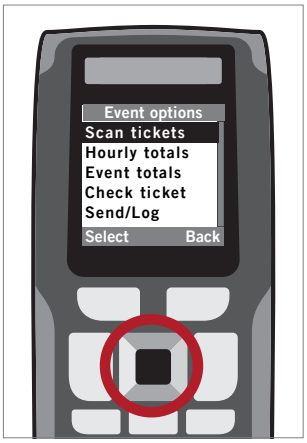
②

Use the up/down arrow buttons to highlight Events. Use the soft button to Select.

③

Use soft button to select Options.

④



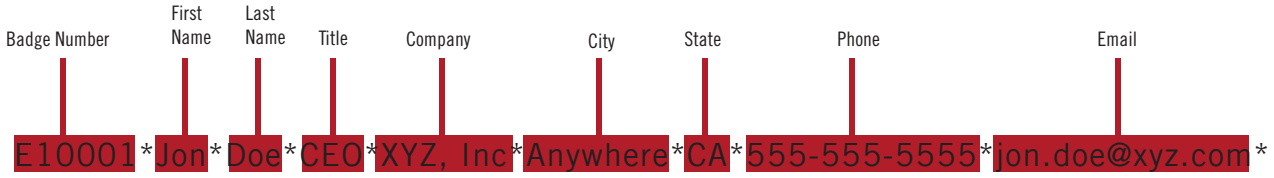
Use the up/down arrow buttons to highlight the preferred option. Use the soft button to Select.

Event Application Options	Description
Scan Tickets	Activates the reader to begin scanning tickets. Ticket information that appears on the screen after a ticket is scanned is based on the data contained in the barcode.
Hourly Totals	Provides hourly updates based on the number of tickets scanned.
Event Totals	Provides event updates based on the number of scans taken during a specific day or the event as a whole.
Check Ticket	Enables the user to scan a ticket to determine ticket validity or to list the number of times the ticket has been used.
Send/Log	Allows the user to save the scanned data to a file. The data will be saved under the name events_log.demo, and using CortexTools® can be opened with Notepad on a PC.

22.2 - CR3600: Tradeshow Admissions Application

The Tradeshow Admissions application will read barcodes in the following format: Badge Number (Must start with A (Attendee) or E (Exhibitor) followed by a 5 digit number, First Name, Last Name, Title, Company, City, State, Phone, Email.

Example: E10001*Jon*Doe*CEO*XYZ, Inc*Anywhere*CA*555-555-0000*jon.doe@XYZ.com*



①

Use the up/down arrow buttons to highlight Admissions. Use the soft button to Select.

②

Use the up/down arrow buttons to highlight Tradeshow. Use the soft button to Select.

③

Use soft button to select Options.

④

Use the up/down arrow buttons to highlight the preferred option. Use the soft button to Select.

Tradeshow Application Options	Description
Scan Ready	Activates the reader to begin scanning badges.
Hourly Totals	Provides real-time updates of hourly totals.
Daily Totals	Provides daily updates of the number of scans/attendees who have visited the booth.
Check Badge	Enables the user to scan a badge and determine the validity, or list the number of times the badge has been used.
List Attendees	Lists the number of attendees of a specific company and the number of times each member has visited the booth.
Send/Log	Allows the user to save the scanned data. The data will be saved under the name tradeshow_log.demo, and using CortexTools® can be opened with Notepad on a PC.

22.3 - CR3600: Inventory Application

The Inventory application will read UPC barcodes.

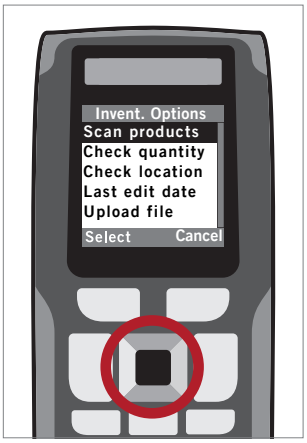
①

Use the up/down arrow buttons to highlight Inventory. Use the soft button to Select.

②

Use the soft button to select Options.

③



Use the up/down arrow buttons to highlight the preferred option. Use soft button to Select.

Inventory Application Options	Description
Scan Products	Allows the user to scan a product, its inventory location, a quantity, and enter any quantity adjustment (use positive numbers only). If the product already exists in inventory, the location and existing quantity will automatically populate and the adjustment amount can be entered at this time. Once the data is entered and inventory is adjusted, a review screen will appear with the entered data with time and date stamp. Data can be saved to file or erased to begin a new entry. The reset option can be used when needed.
Check Quantity	Displays the product quantity in inventory.*
Check Location	Displays the product location in inventory.*
Last Edit Date	Displays the date and time when a specific product location or quantity was most recently entered or edited.*
Upload File	Selecting this uploads all data records in memory to the host device. Reader must be Bluetooth connected to the host device with a spreadsheet or data entry platform opened, and the cursor placed where data is to be transmitted. Once data is transmitted, a notification to delete the transmitted information from reader memory will appear.
Total Scans	Displays the total number of scans.

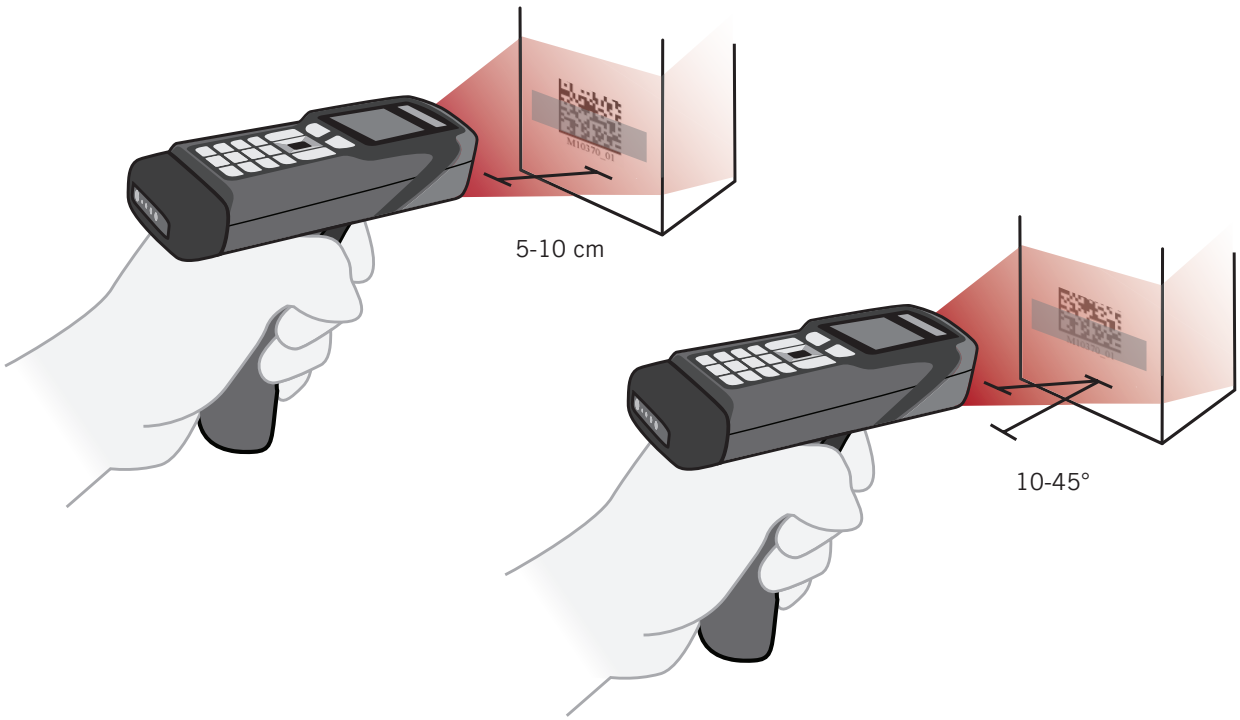
*Once scanned, the last entry for the product will be displayed. If the product does not exist, a message will appear to indicate the product is not in the system. Pressing the “Back” option will revert to the inventory menu and the “Another” option allows the user to scan another product for location, quantity, or last edit date.

23.0- CR3600DPM: Overview

DPM (Direct Part Marks such as Dot Peen and Laser-Etched) reading is enabled by default in CR3600DPM readers. To optimize reading for either Dot Peen or Laser-Etched reader, the following settings are available in the online Configuration Guide Generator found at www.codecorp.com/configguide.

CR3600DPM Settings	Description
Dot Peen and Laser-Etched Reading	Dot Peen and Laser-Etched reading is the default DPM setting. This will also read common 1D/2D printed barcodes.
Dot Peen Barcode Reading	If reading Dot Peen barcodes only, scan the DPM (Dot Peen Only) On configuration barcode to optimize reading for that barcode type. Scanning the DPM (Dot Peen Only) On configuration barcode will disable laser-etched barcode reading. This will not read common 1D/2D printed barcodes.
Laser-Etched Barcode Reading	If reading laser-etched barcodes only, scan the DPM (Laser-Etched only) On configuration barcode to optimize laser-etched barcode reading. Scanning the DPM (Laser-Etched Only) On configuration barcode will disable Dot Peen barcode reading. This will also read common 1D/2D printed barcodes.
DPM (All) Off	To reset a CR3600DPM reader to standard CR3600 settings, scan the DPM (All) Off configuration barcode. This will disable all DPM reading. To return to DPM reading functionality, scan the preferred DPM On configuration barcode.

23.1- CR3600DPM: Scanning



24.0 - CR3600AV Overview

CR3600AV readers ship with a pre-installed ID age verification software solution. This application can be easily configured, passcode-protected, and used to scan a driver license and ID barcodes to verify a patron's age for restricted products and services. Scanned data may be stored on the reader and uploaded to a PC by docking the reader in a charging station (no Bluetooth modem) that is connected to the PC via a USB cable. The data can be uploaded to a PC using CortexTools®.

CR3600AV readers can also be custom programmed to perform other barcode reading functions such as inventory scanning and ticket reading. Please contact www.codecorp.com/codesupport.php for further detail.

24.1 - CR3600AV Age Restricted Defaults

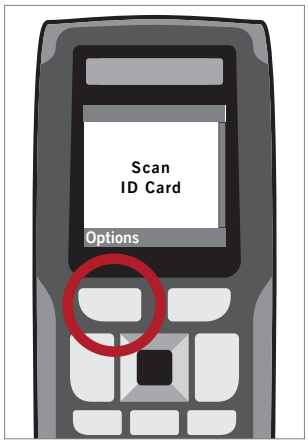
The age restricted default settings are:

- Alcohol is an active, age restricted product type
- Alcohol age limit is set at 21
- ID data is set to NOT be stored
- Passcode protection of settings is NOT enabled

24.2 - CR3600AV: Activating or Deactivating an Age Restricted Type

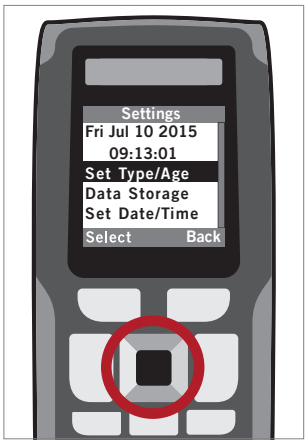
To activate or deactivate an age restricted product type:

①



Use soft button to select Options.

②



Use the up/down arrow buttons to highlight Set Type/Age. Use the soft button to Select.

③

Use the up/down arrow buttons to highlight the Type. Use the soft button to Select.

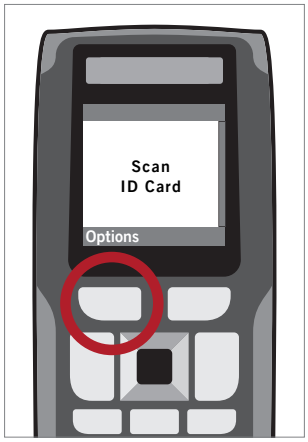
④

The * indicates the Type selected is active. Use the soft button to select and toggle between active and inactive.

24.3 - CR3600AV: Changing an Active Product Age Limit

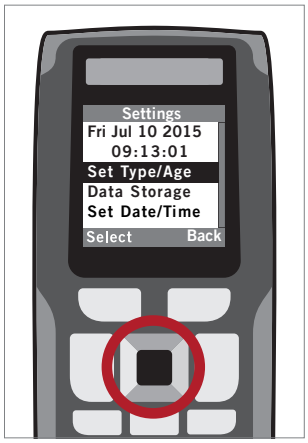
The CR3600AV ships with alcohol as an active, age restricted product with 21 as the age limit. To change the age limit for alcohol, or any other active age restricted product:

①



Use soft button to select Options.

②



Use up/down arrow buttons to highlight to Set Type/Age. Use the soft button to Select.

③

Use the up/down arrow buttons to highlight Alcohol. Use the soft button to Select.

④

Use the up/down arrow buttons to highlight Age. Use the soft button to Select.

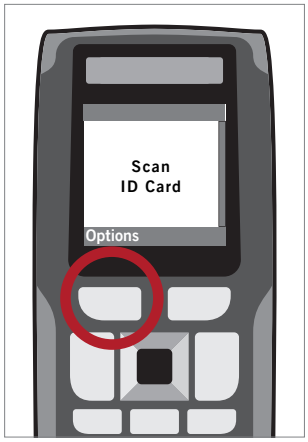
⑤

Delete the pre-set age by hitting the Clear button. Enter the preferred age. Use the soft button to select OK.

24.4 - CR3600AV: Adding Custom Age Restricted Product Types

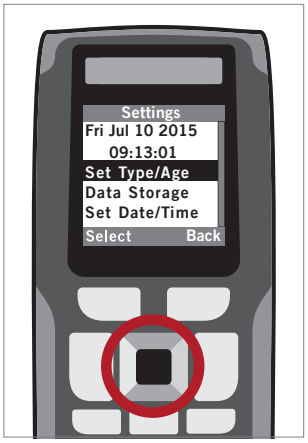
To add a custom age restricted product type:

①



Use soft button to select Options.

②



Use the up/down arrow buttons to highlight Set Type/Age. Use the soft button to Select.

③

Use the up/down arrow buttons to highlight Other1 or Other 2. Use the soft button to Select.

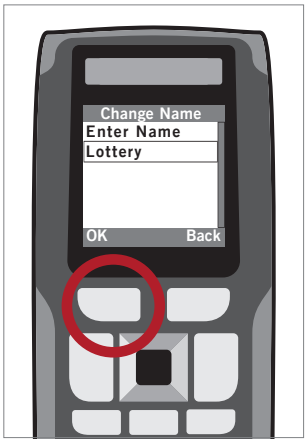
④

Use the soft button to make Active.

⑤

Use the up/down arrow buttons to scroll to Change Name, press the soft button to select

⑥

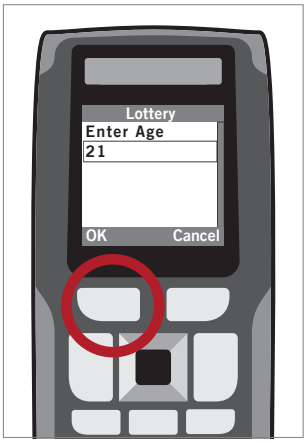


Use the Clear button to delete and enter the new name (example: Lottery). Use the soft button to select OK.

⑦

Use the up/down arrow buttons to highlight Age. Use the soft button to Select.

⑧



Use the Clear button to delete and enter the preferred age, use the soft button to select OK.

24.5 - CR3600AV: Data Storage Overview

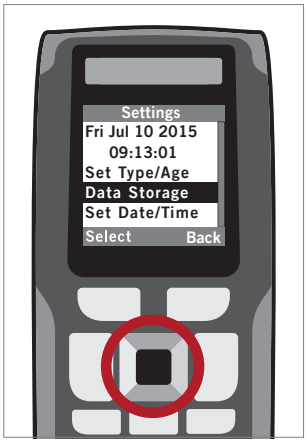
Data Storage allows the reader to store scanned ID information on the CR3600AV reader for various purposes.

Data Storage Options	Description
Blacklist	Stores ID information so that a future scan of the same ID will alert the establishment to not re-admit the ID owner. Information remains on the reader until manually deleted.
Passback	Stores ID information temporarily so that the same ID cannot be “passed back” and used by an under-aged patron waiting to enter the establishment.
Retention	Stores ID information on the reader for auditing purposes, marketing and promotions, mailing list use, etc. Specific ID data fields can be saved. Information may be automatically deleted after a period of time, or manually deleted.

24.6 - CR3600AV: Activating Data Storage

To activate or deactivate Data Storage:

①



Use arrow buttons to scroll to highlight Data Storage. Use the soft button to Select.

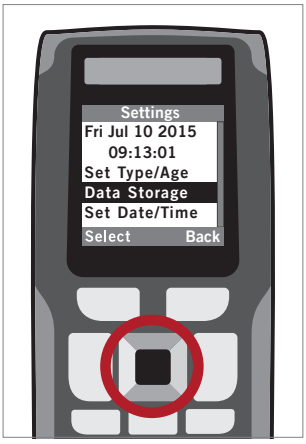
②

Use the arrow buttons to highlight Active. Use the soft button to Select and toggle between active and inactive. (* indicates Data Storage is active)

24.7 - CR3600AV: Enabling Blacklist Data Storage

Blacklist: Stores ID information so that a future scan of the same ID will alert the establishment to not re-admit the ID owner. Information remains on the reader until manually deleted.

①

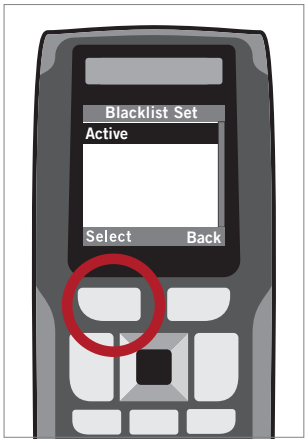


Use up/down arrow buttons to highlight Data Storage. Use the soft button to Select.

②

Use the up/down arrow buttons to highlight Blacklist. Use soft button to Select.

③



Use the soft button to select Active.

③

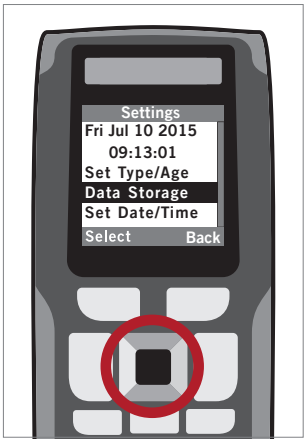
Use the up/down arrow buttons to select desired Blacklist setting. Use the soft button to Select.

Data Storage Options	Description
BL Review	Shows a list of IDs that are on the blacklist. Use the arrows on the keypad to scroll through the blacklist.
Delete BL	Offers the option to delete the blacklist.

24.8 - CR3600AV: Enabling Passback Data Storage

Passback: Stores ID information temporarily so that the same ID cannot be “passed back” and used by an under-aged patron waiting to enter the establishment.

①

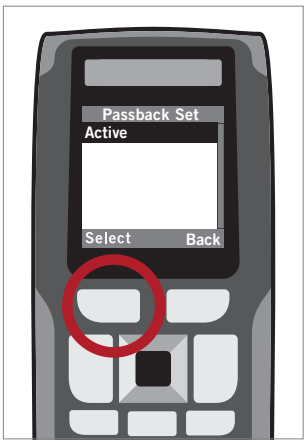


Use the up/down arrow buttons to highlight Data Storage. Use the soft button to Select.

②

Use the up/down arrow buttons to highlight Passback. Use the soft button to Select.

③

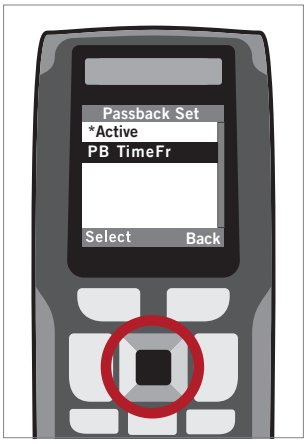


Use the soft button to select Active.

(next page)

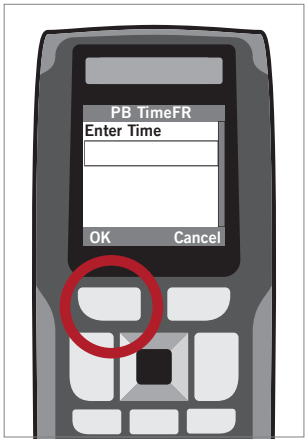
24.8 - CR3600AV: Enabling Passback Data Storage (continued)

④



Use the up/down arrow buttons to highlight PB TimeFrame. Use the soft button to Select.

⑤

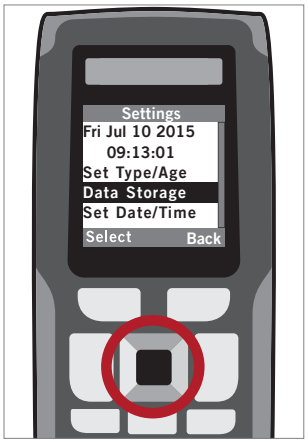


Enter the minutes desired between scans of the same ID. Use the soft button to select OK.

24.9 - CR3600AV: Enabling Retention Data Storage

Retention stores ID information on the reader for auditing purposes, marketing and promotions, mailing list use, etc. Specific ID data fields can be saved. Information may be automatically deleted after a period of time, or manually deleted.

①



Use the up/down arrow buttons to highlight Data Storage. Use the soft button to Select.

②

Use the up/down arrow buttons to highlight Retention. Use the soft button to Select.

③

Use the soft button to Select Auto/Man Del.

④

Use the up/down arrow buttons to highlight ether Auto Delete or Manual Delete. Use the soft button to Select.

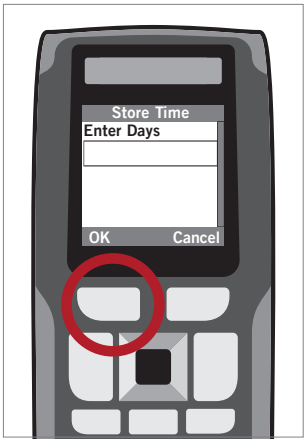
(next page)

24.9 - CR3600AV: Enabling Retention Data Storage (continued)

⑤

If Auto Delete has been selected, use the soft button to select Back. Use the arrow buttons to scroll to Store Time and use soft button to Select.

⑥

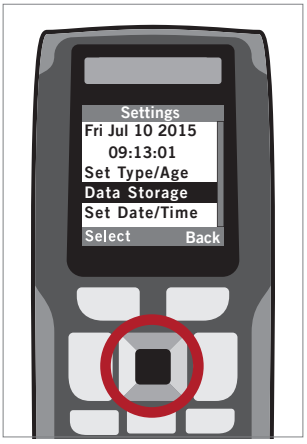


Use the Clear button to delete the pre-set days and enter the preferred number of days. Use the soft button to select OK.

24.10 - CR3600AV: Selecting Retention Data Fields

Retention stores ID information on the reader for auditing purposes, marketing and promotions, mailing list use, etc. Specific ID data fields can be saved. Information may be automatically deleted after period of time, or manually deleted.

①



Use up/down arrow buttons to highlight Data Storage. Use the soft button to Select.

②

Use the up/down arrow buttons to scroll to highlight Retention. Use the soft button to Select.

③

Use the up/down arrow buttons to scroll to highlight Data Fields. Use the soft button to Select.

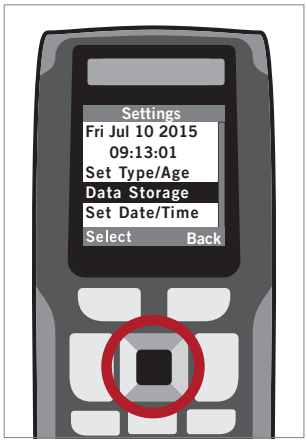
④

Use the up/down arrow buttons to highlight the desired data field options. Use the soft button to Select.

* indicates the data field has been selected. Use the soft button to select Back to save selections.

24.11 - CR3600AV: Setting the Retention Data Storage Store Type

①



Use up/down arrow buttons to highlight Data Storage. Use the soft button to Select.

②

Use the up/down arrow buttons to highlight Retention. Use the soft button to Select.

③

Use the up/down arrow buttons to highlight Store Type. Use the soft button to Select.

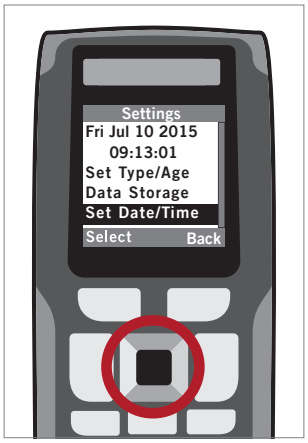
④

Use the arrow buttons to highlight the desired file store type. Use the soft button to select Back to save selection.

Store Type Options	Description
Single File	Stores ID information in a single file.
Daily File	Stores ID information in a daily file.
Hourly File	Stores ID information in an hourly file.

24.12 - CR3600AV: Setting Date and Time

①



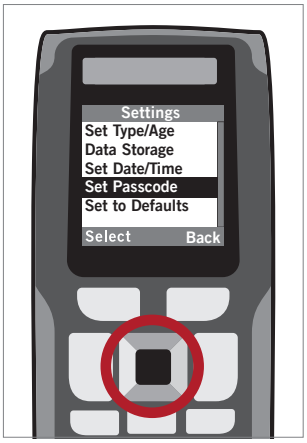
Use up/down arrow buttons to highlight Set Date/Time. Use the soft button to Select.

②

Use the up/down arrow buttons to highlight the field to edit. Use the soft button to select Ok.

24.13 - CR3600AV: Setting a Passcode

①



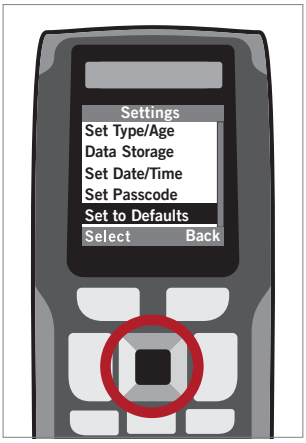
Use up/down arrow buttons to highlight Set Passcode. Use the soft button to Select.

②

Enter the new passcode. Use the up/down arrow buttons to scroll to the next data field, enter new passcode again. Use soft button to select Ok.

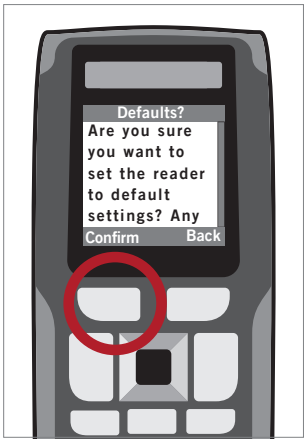
24.14 - CR3600AV: Reset to Defaults

①



Use up/down arrow buttons to highlight Set to Defaults. Use the soft button to Select.

②



Use the soft button to confirm.

24.15 - CR3600AV: Feedback

When the applicable feature is active, the CR3600AV will provide the following feedback:

Scenario	Display	LED	Sound
ID passes for all product types/ages	"Name, Age YES <Product Type1> YES <Product Type2>"	Green	Three Ascending Beeps
ID does not pass for at least one product type/age	"Name, Age YES <Product Type1> NO <Product Type2>"	Flashing Red	Alternating Beeps
ID number is on the Passback list (if enabled)	"This ID was read in the last X minutes."	Flashing Red	Long Drone
ID number is on the patron blacklist (if enabled)	"Name, This ID is on the blacklist."		
ID is expired	"ID Expired"		
Age cannot be determined; Expiration date is not available; ID data incorrectly formatted	"INCOMPLETE DATA-CHECK ID"		
Appears when scanning immediately after the reader memory is full	"MEMORY FULL-DELETE DATA"		

24.16 - CR3600AV: Data Storage File Formats

The age verification data storage files are saved to the reader in the following file formats:

File Formats	Description
AV_Data.txt	Stores all scans in a single data file.
AV_YYYYMMDD.txt	Stores scans by day in a data file.
AV_YYYYMMDDHH.txt	Stores scans by hour in a data file.

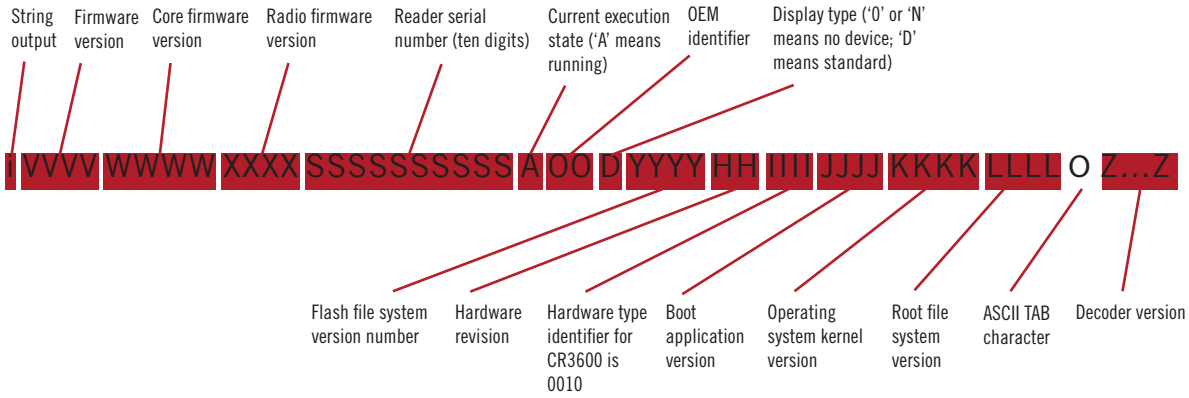
25.0 - Reader ID and Firmware Version

To find out the Reader ID and Firmware version, open a text editor program (i.e., Notepad, Microsoft Word, etc.) and read the Reader ID and Firmware configuration barcode.

Reader ID and Firmware

M10157_01

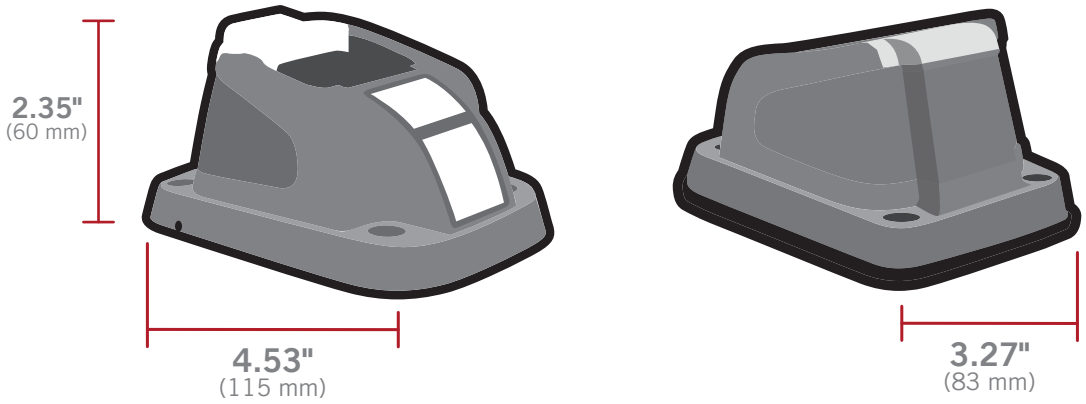
A text string indicating the firmware version and CR3600 ID number will be displayed.
example: Xap/iVVVVWWWWXXXXSSSSSSSSSSAOODYYYYHHIIIIJJJJKKKKLLLLOZ...Z (see below):

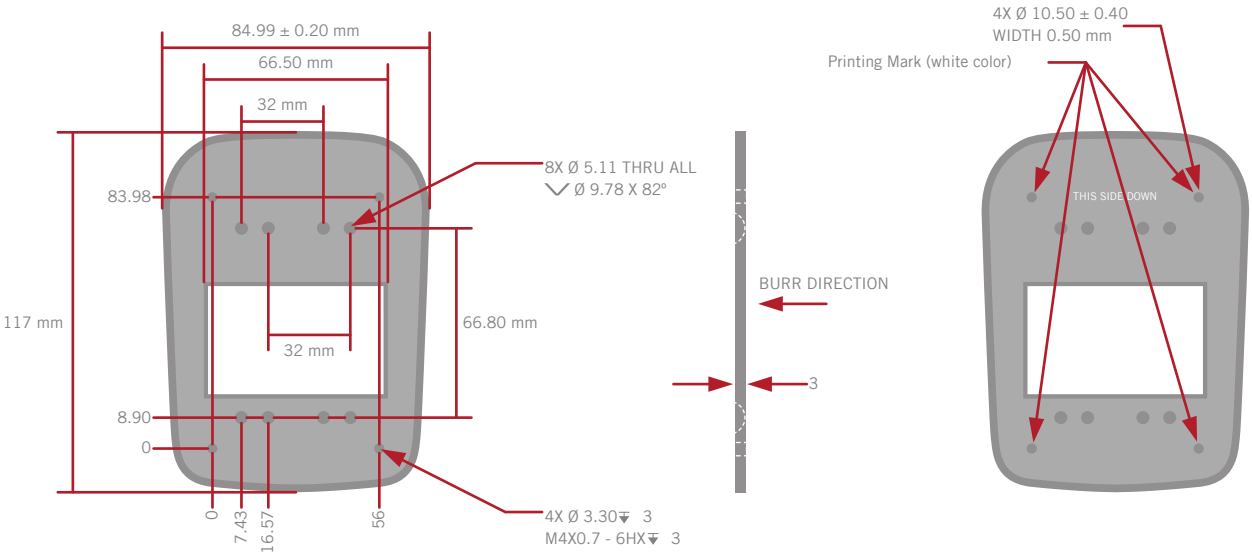


Note: Code will periodically release new firmware for CR3600 readers. For information on latest firmware visit our website at www.codecorp.com/codesupport.php.

26.0 - Dimensions

27.0 - Charging Station Dimensions





28.0 - Maintenance

The CR3600 device needs only a minimum of maintenance to operate. A few tips are given below for maintenance suggestions.

Cleaning the CR3600 Window

CR3600 window should be clean to allow the best performance of the device. The window is the clear plastic piece inside the head of the reader. Do not touch the window. Your CR3600 uses CMOS technology that is much like a digital camera. A dirty window may stop the CR3600 from reading barcodes. If the window becomes dirty, clean it with a soft, non-abrasive cloth or a facial tissue (no lotions or additives) that has been moistened with water.

Disinfectant-Ready Plastics

The CR3600 features Code's Level 1 disinfectant-ready plastics. For a complete list of approved cleaners, visit http://www.codecorp.com.

Technical Support and Returns

For returns or technical support visit www.codecorp.com/codesupport.php.

29.0 - Warranty*

The CR3600 carries a two year limited warranty as described herein. Charging Stations, Modems and Batteries carry a one year limited warranty. Cables and Power Supplies carry a 30 day limited warranty.

Limited Warranty. Code warrants each Code product against defects in materials and workmanship under normal use for the Warranty Coverage Term applicable to the product as described at www.codecorp.com/legal/warranty/term.php. If a hardware defect arises and a valid warranty claim is received by Code during the Warranty Coverage Term, Code will either: i) repair a hardware defect at no charge, using new parts or parts equivalent to new in performance and reliability; ii) replace the Code product with a product that is new or refurbished product with equivalent functionality and performance, which may include replacing a product that is no longer available with a newer model product; or ii) in the case of failure with any software, including embedded software included in any Code product, provide a patch, update, or other work around. All replaced products become the property of Code. All warranty claims must be made using Code's RMA process.

Exclusions. This warranty does not apply to: i) cosmetic damage, including but not limited to scratches, dents, and broken plastic; ii) damage resulting from use with non-Code products or peripherals, including batteries, power supplies, cables, and docking station/cradles; iii) damage resulting from accident, abuse, misuse, flood, fire or other external causes, including damage caused by unusual physical or electrical stress, immersion in fluids or exposure to cleaning products not approved by Code, puncture, crushing, and incorrect voltage or polarity; iv) damage resulting from services performed by anyone other than a Code authorized repair facility; v) any product that has been modified or altered; vi) any product on which the Code serial number has been removed or defaced. If a Code Product is returned under a warranty claim and Code determines, in Code's sole discretion, that the warranty remedies do not apply, Code will contact Customer to arrange either: i) repair or replace the Product; or ii) return the Product to Customer, in each case at Customer's expense.

Non Warranty Repairs. Code warrants its repair/replacement services for ninety (90) days from the date of shipment of the repaired/replacement product to the Customer. This warranty applies to repairs and replacements for: i) damage excluded from the limited warranty described above; and ii) Code Products on which the limited warranty described above has expired (or will expire within such ninety (90) day warranty period). For repaired product this warranty covers only the parts that were replaced during the repair and the labor associated with such parts.

No Extension of Term of Coverage. Product that is repaired or replaced, or for which a software patch, update, or other work around is provided, assumes the remaining warranty of the original Code Product and does not extend the duration of the original warranty period.

Software and Data. Code is not responsible for backing up or restoring any of software, data, or configuration settings, or reinstalling any of the foregoing on products repaired or replaced under this limited warranty.

Shipping and Turn Around Time. The estimated RMA turn-around time from receipt at Code's facility to shipment of the repaired or replaced product to Customer is ten (10) business days. An expedited turn-around time may apply to products covered under certain CodeOne Service Plans. Customer is responsible for shipping and insurance charges for shipping Code Product to Code's designated RMA facility and repaired or replaced product is returned with shipping and insurance paid by Code. Customer is responsible for all applicable taxes, duties, and similar charges.

Transfer. If a customer sells a covered Code Product during the Warranty Coverage Term, then that coverage may be transferred to the new owner by written notification from the original owner to Code Corporation at:

CodeOne Service Center
12393 South Gateway Park Place, Suite 600
Draper, UT 84020 USA

Limitation on Liability. Code's performance as described herein shall be Code's entire liability, and the Customer's sole remedy, resulting from any defective Code product. Any claim that Code has failed to perform its warranty obligations as described herein must be made within six (6) months of the alleged failure. Code's maximum liability related to its performance, or failure to perform, as described herein shall be limited to the amount paid by Customer for the Code product that is subject to the claim. In no event will either party be liable for any lost profits, lost savings, incidental damage, or other economic consequential damages. This is true even if the other party is advised of the possibility of such damages.

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*Warranty periods are specific to North America and EMEA.