# code

# FIPS 140-2 Certified Bar Code Readers

## Features & Benefits

- FIPS 140-2 Level 2 Security Certified
- Class I or II Bluetooth® (up to 100 meter range)
- 256-bit session generated encryption key
- Tamper evident features on bar code readers and modem
- Reads all 1D and 2D matrix symbologies
- Choose from two FIPS certified bar code readers, one with display and keyboard
- Lightweight, ergonomic, fully-mobile modular designed bar code readers (hand held, handle, presentation stand)
- Rapid battery replacement, multiple battery formats and charging options available
- User feedback with vibration and/or audible tones, to ensure a 'good read' has occured

## Overview

Code bar code readers have been awarded the Federal Information Processing Standard 140-2 (FIPS 140-2) Level 2 certification, a critical certification for selling data collection devices to the federal government.

FIPS 140-2 certification provides an enhanced level of security when collecting, storing and wirelessly transmitting data. Code's CR2500 and CR3500 bar code readers when paired with the CodeXML® FIPS Bluetooth® Modem have proven to meet the strict federal government's security standard and are the first in the industry to receive FIPS 140-2 Level 2 certification.

FIPS 140-2 is a U.S. government security standard used to accredit cryptographic modules. This standard specifies the security requirements that need to be satisfied by a cryptographic module that is used within a government agency's security system to protect sensitive but unclassified information.

To receive this certification, Code successfully underwent the rigorous FIPS certification process for both its wireless bar code readers and Bluetooth modems, as outlined by the National Institute for Standards and Technology (NIST).

In addition to the more robust authentication and encryption features, Code's line of FIPS 140-2 bar code readers will ship with tamper-evident features to prevent physical access to the cryptographic modules.

# Code's FIPS 140-2 Certified Products

## CR2500 FIPS Bar Code Reader

### Features & Benefits

- Dual field optics, both high density and wide field in the same unit
- Reflection and glare reducing illumination
- Lightweight, ergonomic, fully-mobile modular design (hand held, handle, presentation stand)
- Rapid battery replacement, multiple battery formats and charging options
- User feedback with vibration and/or audible tones
- Unequaled performance on rounded, curved, and shiny surfaces
- Over 10 MB of batch data and JavaScript memory
- Reads all linear, stacked and 2D matrix symbologies
- High speed digital image capture

Imager | 1D | 2D | PDF | Postal | Optical Character | Bluetooth | USB Interface | RS232 Interface | Memory | JavaScript

## CR3500 FIPS Bar Code Reader

### Features & Benefits

- Dual field optics, both high density and wide field in the same unit
- Reflection and glare reducing illumination
- Lightweight, ergonomic, fully-mobile modular design (hand held, handle, presentation stand)
- Rapid battery replacement, multiple battery formats and charging options
- User feedback with vibration and/or audible tones
- Unequaled performance on rounded, curved, and shiny surfaces
- Over 10 MB of batch data and JavaScript memory
- Reads all linear, stacked and 2D matrix symbologies
- Withstands multiple drops to concrete from 6'
- High speed digital image capture
- Multicolor LEDs with optimal focus and FOV indicator

Imager | 1D | 2D | PDF | Postal | Optical Character | Bluetooth | USB Interface | RS232 Interface | Memory | Screen & Keypad | JavaScript

## CodeXML® FIPS Bluetooth® Modem

### Features & Benefits

- Transmit and receive Bluetooth signals up to 100 meters (300ft)
- 256-bit Bluetooth Authentication and Encryption
- Bluetooth to Keyboard, USB, PS/2 or RS232 output
- Seamless integration with Code FIPS bar code readers
- Compatible with Windows XP, Windows Vista, Windows 7, Linux Applications, Programmable Logic Controller, Unix Applications, legacy terminals
- Simple installation: Simply plug-in the modem and start transmitting wireless data

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Specifications subject to change without notice.