

## OUT-OF-THE-BOX PLUG & PLAY SETTINGS

Each Smart-Scan™ scanner is pre-configured with the following settings which can, of course, be changed if needed.

**USB Keyboard Wedge Operation** – Plug the USB cable into your PC and begin entering data as you would with your keyboard. Windows, Mac, and Linux OS are bundled with the drivers to support Smart-Scan™ usage.

**Default Smart-Scan™ Operation Mode** – UID validation with raw UID output.

**Prefix & Suffix** – An <Enter> key is added to each scan to advance the PC cursor either to the next line, field, or spreadsheet cell.

**UID ‘Non-printable’ Characters** – Use of a Unicode font type in your software application will allow display of ASCII (4, 29, 30) as ♦,↔,▲ .

**Note:** Programs such as Excel may misinterpret these characters as macro commands depending on Excel configuration settings.

**Default Group of Bar Code Symbolologies Supported** – Smart-Scan™ performance is enhanced by limiting scanner support to only those symbolologies commonly found in industrial settings. Refer to the Code Corp User manual for changes.



Code39



Code128



Code93



Telepen



Codabar



Interleaved 2of5



Data Matrix



PDF417



UPC

## Smart-Scan™ CR1200/CR1210

**These bar code scanners are software enhanced versions of the Code Corp CR1200 & CR1210 models.**

**Since Smart-Scan™ hardware is preconfigured by IDI, use this guide as your primary reference in place of the guide from Code Corp.**



## BAR CODE SCANNER OVERVIEW

Bar Code scanners perform the same process as your PC’s keyboard. When you insert the USB cable plug from a Smart-Scan™ scanner, the PC will automatically recognize this hardware as a “2nd keyboard”. There are NO added drivers needed on the PC prior to using Smart-Scan™ hardware.

Because the scanner acts like a 2nd keyboard, you need to use the same common sense as you do with your standard PC keyboard.

- Make sure your cursor is in the proper software window and data field BEFORE you begin scanning (or typing).
- Similar to how a keyboard <Shift> or <Caps Lock> “mode” will result in different keystroke output, you will need to know which Smart-Scan™ operation “mode” you are currently using prior to pulling the trigger (Raw Output, Smart-UID, Smart-Lookup, Smart-Web, etc.).

## THE SMART-SCAN™ DIFFERENCE

Smart-Scan™ technology makes traditional bar code scanners more versatile, at lower support costs, and with data filtering and analysis capabilities never before possible. It is the only bar code scanner today that provides out-of-the-box data syntax validation of Department of Defense UID data matrix bar codes.

## SMART-SCAN™ SUPPORT SITE

For more detailed information, visit <http://www.uidscanner.com> or <http://www.id-integration.com/smartsan> .

## SMART-SCAN™ OPERATION MODES

Smart-Scan™ hardware currently supports four basic operation modes. Most users will only use a single mode for their daily work, but can quickly switch modes by scanning one of the square barcodes from the following list:

**Smart-UID:** This mode has no impact on scan results of anything other than data matrix bar codes, which are analyzed for compliance to the UID content requirements of MIL-STD-130. Data Matrix bar codes with UID errors are blocked from passing onto the host PC and indicated with a 4-beep/vibe feedback.



Smart-UID supports five different outputs from a valid UID bar code scan. Scan from the following options to output as raw UID, Formatted UII, Parsed UID, or to include a detailed UID syntax error report should an error be encountered.



<< Raw UID, w/Error Report >>



Parsed UID >>

EID<Tab>P/N<Tab>S/N<Enter>



<< UII Format, w/Error Report >>

**Raw Output:** Use this mode if you need to scan Data Matrix barcodes that do NOT use the ISO 15434 syntax requirements of the Dept. of Defense UID mandate.



**Smart-Lookup:** This allows a user to load the scanner with a simple text file database, allowing the scanner to output results from a custom data lookup. For example, a UID scan could result in output of NSN, P/N, Vendor Code, Price, etc. Refer to [www.uidscanner.com](http://www.uidscanner.com) for details.



**Smart-Web:** Put your cursor in the URL address field of your browser and scan any bar code containing one of the following data items. A proper search URL will be automatically pre-pended to the scan data and submitted, returning your search results.



- Tracking numbers from FedEx or UPS
- Valid Federal National Stock Number or Part Number
- Valid Vendor Cage Code
- Valid Hardware Mac Address from a networked device

## SMART-SCAN™ BASIC SETUP

Ideally, you may not need to configure anything. However, here are some quick configuration changes should the 'as-shipped' defaults not meet your needs. Smart-Scan™ technology offers users the quickest and most flexible means of configuring prefix/suffix, and custom UID parsing. Complete documentation is available at [www.uidscanner.com](http://www.uidscanner.com)

**To Change Default Power-Up Operation Mode:** Scan the desired Operation Mode from the facing page. Then scan this barcode to set this mode as the new default upon power-up. Current prefix, suffix, and other relevant mode settings are also saved.



**Prefix/Suffix:** Commonly, users exclude prefix but add a suffix such as –



<None>



<Enter>



<Tab>

To make these changes permanent and the new power-up default, simply scan the same barcode for setting the default Smart-Scan™ operation mode.

**UID Parsing Options:** Smart-UID offers users the ability to output up to 16 different formatted UID parameters: (see [www.uidscanner.com](http://www.uidscanner.com))

- Output String Formatting: <Enter>, <Tab>
- UID Data: Raw UID, Formatted UII
- UID Parameters: Format, Construct, IAC
- UID Prefix Values: Vendor, PN, Sequence
- UID Data Segment Values: Vendor, PN, Sequence
- Full Data Segments: Prefix + Value (positions 1,2, and/or 3)
- Support for ISO 15434 Part Number bar codes.

Other Common UID Parsing Options –



S/N<Enter>



UII<Enter>  
EID<Tab>P/N<Tab>S/N<Enter>  
Raw UID<Enter>