

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™ CR3/CR3500

These bar code scanners are software enhanced versions of the Code Corp CR3 & CR3500 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 supports multiple operation modes. Most users will only use a single mode for their daily work, but can quickly switch modes through use of the LCD display and the Smart-Scan user interface (gui).

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. Select 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 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.

