



# Product Profile: Smart-Scan™ Technology

ID Integration has transformed the Code Corp family of scanners into multi-role barcode readers - providing sophisticated data capabilities previously only available in products more than twice as expensive. Smart-Scan can be purchased preinstalled on Code Corp & Microscan scanners, or as software upgrades to existing scanners based on the Code Corp hardware platform.



## Smart-Scan™ Benefits

### Enhanced UID Usability

#### Best 'Plug & Play' Experience

- **No driver or setup software is required** - simplifying DOD approval processes
- **UID Validation is enabled by default** in Smart-Scan™, shielding PCs from receiving invalid UID barcode data. User choice of UID data output options
  - ✓ Raw UID Barcode data format
  - ✓ Concatenated UII data format
  - ✓ UID or UII with detailed Error Report
  - ✓ **Choice of 16 parsed UID data elements** in any combination and order:
    - UID, UII, Format, IAC, Construct #
    - Prefix Values1-3, Data Values1-3
    - Full Data Segments1-3
    - Formatting Characters <Enter><Tab>
- **Beep/Vibration feedback signals** -
  - 1-beep**, valid UID Data Matrix syntax
  - 2-beeps**, valid P/N Data Matrix syntax
  - 4-beeps**, UID/PN data syntax error found
- **Scan UID, P/N, or 1D barcodes without switching scanner operation modes!**

#### Best UID Character Display

Smart-Scan™ models are among the few that correctly display and transmit **ALL** UID characters to PCs without special setup.

Smart-Scan™ : D>▲12←MFR 1RWL9←SER IDI-101▲◆

Std. Scanner : D>12MFR 1RWL9SER IDI-101

Smart-Scan™ models with integral LCD display extend this display functionality to ALL non-printable ASCII characters 0-31.



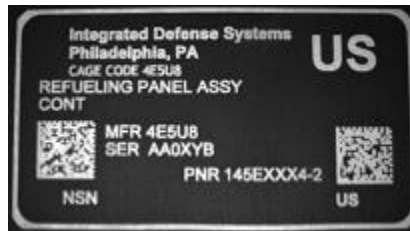
### Enhanced Data Quality

#### Accurate UID Error Reporting

- Smart-Scan provides the most detailed UID Syntax Error Reporting available anywhere.
- Finds multiple errors, not just the 1<sup>st</sup> (reduce corrective cycles with print shop)
- Identifies specific character location errors and provides suggestions for correction.
- Hundreds of UID permutations supported, including 18V constructions.
- ~10% cost of UID Verification systems

#### Efficient Image Capture

**Smart-Photo** is an optional Smart-Scan™ feature with huge advantages over std. digital cameras for the collection of close-up images.



### Enhanced Data Security

For Batch-mode scanners with LCD, Smart-Scan™ provides an improved interface over the standard CodeViewer gui:

- Users can NOT edit scanned data
- Auto data upload is disabled due to the possibility of inadvertent PC file deletion.
- Batch-gathered scan data can be uploaded one record at a time to support UID management software (I-Guides, idWorx!, I²M, UID Comply!, COLTS, MCDS, etc.)

### Scan & Database X-Ref

**Smart-Lookup** is a standard Smart-Scan™ feature that allows scanned data to be cross referenced to an internal text database, outputting P/N, NSN, nomenclature, or any combination of related data.

## Overview

### Economic Advantages

- Low-cost, high-feature UID scanner
- Low-cost portable QC tool for UID data syntax validation, parsing, and UII output
- Eliminate middleware costs to perform UID Validation and UII concatenation
- Auto-Restore Custom Configuration – Lower IT support needs via simple power-cycle (over-ride 'Factory Default Reset').
- Effective UID barcode scanner for typical barcodes on either label or common DPM materials

### Standard Scanner Features

- Industrial design resistant to dust, spills, drop shock and vibration
- Innovative 2 color LED aiming system to quickly determine proper focus height
- 'Driverless' PC connection (USB cable)
- Wide field of view for both 1 & 2-D codes from small 5mil Data Matrix cells to 8" long 1-D barcodes.

### IDI Value-Add Services

- Custom configuration services available for full Out-of-Box functionality
- Custom scanner application programming services available
- Custom OCR text templates
- On-site installation, training, and integration with existing logistics or maintenance software.

### Accessories

- USB Cable is standard, RS232 & PS2 cable interfaces are available
- Desktop mounting stands for continuous scan applications.
- Belt holsters, battery handles
- BlueTooth Wireless Option & Modems



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## Ordering Information (Check [www.uidscanner.com](http://www.uidscanner.com) for current product list)

IDI P/N Reference	Description & List Pricing
SYSCIDI-S1	Smart-Scan 1200, 6' USB <span style="float:right">\$825</span>
SYSCIDI-S1HA	Smart-Scan 1210 Hi-Res, 12' coiled USB <span style="float:right">\$875</span>
SYSCIDI-S25B	Smart-Scan 2500, 1950mAH battery, 6' USB <span style="float:right">\$1000</span>
SYSCIDI-S35B2	Smart-Scan 3500, 3900mAH handle, 6' USB <span style="float:right">\$1375</span>
Add P/N Suffix	Common Options <small>(contact IDI for additional options)</small>
A	12' coiled USB Cable <span style="float:right">\$25</span>
R	Bluetooth Radio for CR2500/3500 <span style="float:right">\$100</span>

## Physical Scanner Features (CR1200)

Size	7" H x 4.5" D x 2.5" W (180 x 114 x 63 mm)
Weight	6.4 oz (181 grams)
Warranty	3 years, with optional extensions up to 5 years
PC Software	None required for usage & configuration
Communication	USB 2.0, Serial, or PS2 cable options; 6 or 12' length
Field of View, Resolution	1.3 Megapixel CCD supports wide size range Minimum 2-D cell size: 5.0mil (1210), 7.5mil (1200) Up to 8" long 1-D barcode at 12.5 mil density
Optimal Focal Length	4"(1200); usable range between 1" - 9"
Power Requirements	Supplied via USB or Serial communication cables
Barcode Support	All global standards for 1-D and 2-D symbologies Plus support for Mirrored & Inverse color.

## IDI Smart-Scan™ Capabilities – Javascript License

Secure Config	Scanner setup definition can't be lost or reset
UID Filter	UII output, UID validation & Parsing, Spec2K support
UID Parsing	Toggle scan modes via single barcode scan
Database Lookup	Output data from stored database file where scan data matches first column value.

## IDI Smart-Scan™ Capabilities – OCR License

OCR Text	Read OCR-A, OCR-B text fonts for CAGE, NSN (custom templates available for other data items)
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## Accessories <http://www.codecorp.com/accessories.html>

**ID Integration, Inc.**  
13024 Beverly Park Rd; Ste104  
Mukilteo, WA 98275

### Equipment Sales & Services:

Phone: (425) 438-2533  
Fax: (425) 438-8764

<http://www.id-integration.com>

<http://www.uidscanner.com>

<http://store.id-integration.com>



### Jet City Laser, Inc.

*\*IDI Affiliate Service Bureau\**

### Tool/Part Marking & UID Nameplate Production

Phone: (206) 623-4949  
Fax: (206) 623-4951

<http://www.uid2go.com>

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<http://www.id-integration.com/smartsan.htm>