



# Product Profile: Smart-Scan™ Technology

ID Integration offers UID customers the scanner they've been waiting for: a low-cost, 2-D bar code scanner, with integrated UID data validation, UII and parsed UID output, and an industry first – the ability to output a combination of database information associated with a scanned UID. Imagine scanning a UID barcode to output NSN, Name, and/or vendor S/N into your existing software. These scanners work with WinXP, Vista or Linux applications *without* the need for special drivers or software setup applications. They even scan OCR text!



## Smart-Scan™ Benefits

### High-Tech @ Low-Cost

ID Integration has transformed a well known family of scanners into multi-role barcode readers - providing sophisticated data analysis capabilities previously only available in products more than twice as expensive.

### Need for UID Validation

The most common mistake made by UID users is the purchase of a 2-D scanner which has no UID validation capability. This results in bad data being passed to their computer software, and even rejected shipments because of improper UID syntax.

Smart-Scan™ performs the most thorough and accurate UID validation available today. And unlike other UID scanners, Smart-Scan™ offers

- Immediate 'out-of-box' configuration for UID validation.
- UID Validation with output options of
  - a. Raw UID data  
] > ▲ 12 ↔ SPL 1RWL9 ↔ UCN 425-438-2533 ▲ ◆
  - b. Concatenated UII data  
DIRWL9425-438-2533
  - c. Industry's most detailed UID error report to assist users in resolving the syntax error.
- The ability to scan both UID, P/N, and other bar code symbologies without changing to/from UID validation mode.

### Revolutionary DB Lookup

A standard feature with the Smart-Scan product line is the ability to cross reference a scanned data string to an internal text database. If a user's existing logistics or maintenance software doesn't have a field for UID or UII, they can now still take immediate advantage of UID barcodes.

## Fast Return on Investment

No more excuses! Our Smart-Scan™ Parsing & Database Lookup applications allow even older enterprise software to take advantage of UID and Spec2000 barcodes.

### Less Keystrokes = ROI

Image scanning a UID to get ANY combination and order of the data elements

- Vendor ID, P/N, S/N

...or output ANY combination and order of related information such as

- NSN, Name, Vendor S/N, .....

All of this and more is now possible with IDI's Smart-Scan™ Technology.

## No Software Needed

Scan 1 or 2-D barcodes into any PC application without hardware or software 'wedge' requirements. Although optional software setup utilities are available, they are not required by the USB-cabled scanner, thereby simplifying DOD approval processes (DIACAP, NMCI, etc.).

## Rugged Ergonomics



These scanners use a 2-color target technique to show ideal focal position.

Revolutionary audible, tactile and visual user feedback systems include a speaker, vibration motor, and target/status LEDs.

## Scan OCR text

OCR text reading may never achieve the same accuracy as barcode scanning. But the Smart-Scan Application Suite offers support for Cage Code and NSN interpretation. Additional custom templates can be created either by the user or IDI.

## Overview

### Economic Advantages

- Low-cost, high-feature UID scanner
- Low-cost QC tool for UII data validation
- Eliminate middleware costs to perform UID Validation and UII concatenation
- Smart-Scan™ configuration settings can be restored via simple power boot if lost from a user scan of 'factory defaults'.
- Effective UID barcode scanner for typical barcodes on either label or 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 bar codes.

### IDI Value-Add Services

- Pre-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, Auto-Wedge Cable is standard
- Serial, PS2 cable interfaces available 
- Desktop mounting stand for continuous scan applications.



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## Ordering Information (contact IDI for additional options)

IDI P/N Reference	Description & Pricing
SYSCIDI-S1	CR1200S, 6' USB \$850
SYSCIDI-S1H	CR1210S Hi-Res, 6' USB \$850
SYSCIDI-S25	CR2500S, BH1 Std. Batt Hndl, 6' USB \$1125
SYSCIDI-S35	CR3500S, BH2 Hi-Cap Batt Hndl, 6' USB \$1400
Add P/N Suffix	Options
A	12' coiled USB Cable \$25
R	Bluetooth Radio for CR2500/3500 \$125 * Requires purchase of Bluetooth Modem

## Physical Scanner Features

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
PC Software	None required for usage & configuration
Communication	USB 2.0, Serial, or PS2 cable options; 6' length
Field of View	1.33 Megapixel CCD supports wide size range 7.5 mil to 1" square Data Matrix Up to 8" long 1-D barcode at 12.5 mil density
Optimal Focal Length	4" (104 mm); usable range between 2" - 9"
Power Requirements	Supplied via USB or Serial communication cables
Barcode Support	1-D Barcodes: 12+ 2-D Barcodes: 9+ Plus support for Mirrored & Inverse color.

## IDI Smart-Scan™ Capabilities – Javascript License

Secure Configuration	Scanner setup definition can't be lost or reset
UII filter	UID validation & UID/Spec2000 formatting
UII/Spec2000 Parsing	Toggle scan modes via single barcode scan
Database Lookup	Output data from database where scan data matches first column value.

## IDI Smart-Scan™ Capabilities – OCR License

*Optional License	Read OCR-A, OCR-B text fonts for CAGE, NSN (custom templates available for other data items)
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## Accessories

Long USB cable	12' length; 12' coiled length
Stand	Use for continuous scan desktop applications

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**Standard & Custom Nameplates:**  
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Nameplate/Label Service Bureau  
**Jet City Laser, Inc.**  
Phone: (206) 623-4949  
Fax: (206) 623-4951  
<http://www.uid2go.com>

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