



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:
Available from our affiliated
Nameplate/Label Service Bureau
Jet City Laser, Inc.
Phone: (206) 623-4949
Fax: (206) 623-4951
<http://www.uid2go.com>

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