



# TruCheck Inline™

***From the Leader in ISO-Compliant Bar Code Verification!  
The Webscan Tru Inline™ Verifier .***

## **Proven technology from a proven leader !**

True to form, Webscan provides complete verification for 1D and 2D bar codes according to established industry standards. Like the industry leading TruCheck™ off-line bar code verifier, Tru Inline™ processes bar codes strictly in accordance with ISO 15415 and 15416. Built in illumination and fixed focus produces accurate and consistent results every time. Tru In-line™ eliminates the time consuming process of checking bar codes manually. It provides the fastest response to bar code printing problems, reducing the waste created by printing poor quality codes.

## **System Operation**

The Tru In-line™ system consists of a specialized high resolution, high speed imager with an integrated illumination module, a central processing unit, a motorized traverse and input encoder.

The encoder enables the system to accurately track movement of the target. Using the positions that are easily setup by the operator at the start of the run, the system automatically triggers on each position to capture an image of the bar code. It then processes the image and produces the bar code grade.

Every bar code grade is recorded in the data base, along with its location (page, column and cell). The results can be sorted and displayed according to a variety of criteria, including low grades or cell location.



Features	Benefits
Automatically reads multiple sets of bar codes online	No more wasted time manually checking your bar codes
Verifies all major linear codes and RSS/CS and Data Matrix Bar Codes	No need to purchase upgrades for the newest symbology
ISO 15415 and 15416 Compliant	Guarantees accurate results
Records Database of Results	Easily document bar code quality
Intuitive Setup	Makes bar code positioning easy

## **Fast and Foolproof**

But accuracy and consistency is only the beginning. From an intuitive set up screen (to define the positions of all the bar codes) to an easy to use database of results, TruCheck Inline grades every position on the web and gives every operator the ability to easily catch printing problems as soon as they occur. Guaranteeing your customer gets high quality bar codes.

## Features and Specifications

### Features:

- CCD Imager with Integrated Illumination
- ISO grading
- Data export to Data Base , PDF file, or printer
- Fastest target speed 300 meters per minute
- Bar Code processing 10 per second \*
- Calibrated to NIST traceable standards

### Symbology:

Data Matrix, QR Code, GS1-DataBar (formerly RSS), GS1-Composite Symbology  
UPC/EAN, Code 128, Code 39, TLC-39, Codabar, PDF 417, Micro PDF 417 (limited to Field of View size)

### Specification Conformance:

ISO 16022, ISO 18004, ISO 15415, ISO-15416, AIM DPM, ISO 15426-2

### Decoding/Grading Analysis Specifications:

Full ISO 15415 Grading A, B, C, D, F:  
Unused Error Correction, Modulation, Axial non-uniformity, Grid non-uniformity, Symbol Contrast, Reference Decode, Finder Pattern Damage, Bar Width Growth (X and Y), Quiet Zone, AIM DPM Grading: Cell Contrast, Cell Mod.

### Working Distance

Fixed distance 75mm from surface of imager to target

**Light Source:** Narrow band 660nm LED

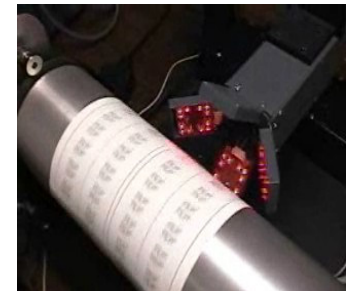
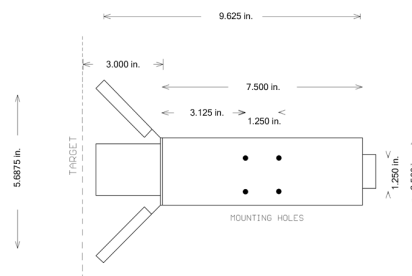
**Environment:** Temperature: 0-40°C

\* dependent on code size

Version	Lighting	Field of View	Min. X Dim
Standard	45°	32mm x 24mm	7.5 MIL
High resolution	45°	40mm x 30mm	10 MIL

Time	Page	Cell	Symbology	Grade	Data	SC	MOD	PM	UEC	GNU	ANU	FPL
29-Jul-2008 20:23:55.73	362	1	Data Matrix	E(3,0)	01617V825771P3819650-106	72%	A	A	100%	7%	6%	A
<b>ANSI Report</b> Webscan TruCheck Tue 29-Jul-2008 08:23:57PM Software version: 1.00.02 Symbology: Data Matrix Data: 1>>RS>06<GS>17V82577<GS>1P3819650-10 6<GS>S1190445<RS><EO> Overall ISO15415 Grade: E(3.0) 3.0/05/660 General Characteristics: Matrix size: 22x22 (Data: 20x20) Horizontal BWG: -6% Vertical BWG: -5% Encoded characters: 40 Total Codewords: 50 Data Codewords: 30 Error Correction Budget: 20 Errors Corrected: 0 Error Capacity used: 0 Image is White on Black Nominal x dim = 15.0 mil Contrast Uniformity: 65 at module(10,19) Print Quality Parameters: 1. UEC: 100% A Pass 2. SC: 73% A(73/1) Pass 3a. MOD: A Pass 3b. RM: A Pass 4. ANU: 0% A Pass												
29-Jul-2008 20:24:06.31	393	1	Data Matrix	E(3,0)	01617V825771P3819650-106	73%	A	A	100%	8%	4%	A
29-Jul-2008 20:24:06.64	394	1	Data Matrix	E(3,0)	01617V825771P3819650-106	72%	A	A	100%	4%	5%	A

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