

Easy, Accurate, Trusted.



Direct Part Mark Verifier

Multiple lighting options to support AIM DPM for laser etched, dot peen symbols or ISO 15415 for labels.



Every application. Every time.

Webscan was founded in 1995 with one singular goal: *to design and build the world's most accurate bar code verification systems.* Through optical, mechanical, and electronic technologies that power its offline and online systems, Webscan has earned an international reputation for delivering ease-of-use and unsurpassed accuracy, across every barcode application, every time. Today, leading packaging producers, defense, pharmaceutical companies, and retailers worldwide trust Webscan to be sure every barcode that goes to market complies with industry standards.

The TruCheck USB DPM™ is specially designed with multiple lighting options to implement the AIM-DPM 2006, ISO/IEC 29158 method for direct part mark verification as required by US DOD MIL-STD-130, AIAG B-17 and other direct part marking applications.

Flexibility

Choose from bright field or dark field from any side to adapt to the surface texture of laser etched and/or dot peen marks. This unit will also verify ordinary labels according to ISO 15415, using the standard lighting of 45 degree light from four sides.

Calibration and traceability

All Webscan systems are calibrated and fully traceable to NIST standards. Calibration is performed by the user in a matter of seconds. You always know that your system is measuring accurately with Webscan technology.

Meets requirements of every industry

Medical Device

Verify in accordance to the quality requirements called out in the GS1, HIBCC, or ICCBBA agency standards. In addition to quality verification, the TruCheck software validates data content according to both GS1 and HIBCC data formats. Within reports lot or batch numbers can automatically be recorded for traceability.

Automotive

Verify barcode quality in accordance with AIAG B-17 2D guidelines for both labels and direct part marks.

MIL-STD 130 UID Quality and Data Validation

Verify the quality requirements called out in the MIL STD 130 (L through N-Chg1) for labels and direct part marking including data content validation. Data format failures are clearly spelled out to make corrective action easy. Verification and validation information can be printed out, stored electronically or used in third



SPECIFICATIONS

Symbologies:

Data Matrix, QR Code, Aztec Code, GS1-DataBar (formerly RSS), GS1-Composite Symbology, Code 128, Code 39, Codabar

Field of View and X-Dimension Capability

Version	Lighting	Field of View	Min x Dim
Standard	30°/45°/90°	30mm x 22mm	6.0mil
Hi-Res	30°/45°/90°	20mm x 15mm	3.75mil

Options:

- Webscan Calibration Card
- GS1 Calibrated Conformance Test Card
- Extended Service Plans

Light Source:

- Narrow band 660nm Red LED

Features:

- CCD Imager with Integrated Illumination
- USB 2.0 interface to PC
- ISO grading, AS 9192, AIM DPM
- Data export to printer, PDF file or Excel
- Software easily upgradeable
- Calibrated to NIST traceable standards
- Parses and validates industry standard data formats
- Variable aperture size

Decoding/Grading Analysis Specifications:

Full ISO 15415 Grading A, B, C, D, F for all parameters.

Full AIM DPM Grading A, B, C, D, F for all parameters.

Traditional and informative parameters: Bar Width Growth (X and Y), Nominal X dimension, matrix size, etc.

Physical Characteristics:

- Dimensions (HxWxD) 7.25" x 6.50" x 7"
- Weight: 4.5 lbs.

Environment:

- Temperature: 0-40°C
- Humidity: 5% - 95% noncondensing

Conformance:

- ISO 15415, 15426-2
- MIL-STD 130 (L through N-Chg1)
- ISO 16022, 18004, 16023, 24778
- AIQG AS9132,
- AIM DPM (ISO TR29158)

For more information, please contact:

Compact, hand held -- and other options

With its integrated illumination, and compact size, it is easy to move the unit to where it is needed. On a label, or even on an object. The design ensures that the image is calibrated and in focus. Webscan's broader product line incorporates hand-held and other fixed mount versions. Choose whichever version is right for you, without compromising ease-of-use, or accuracy.

Minimum hardware and system requirements:

- Pentium 4 or newer with Hyper-Threading, 2.0GHz or higher
- 1GB RAM; 1.2 Gig Hard drive with 100meg free
- Screen resolution 1024x768 Minimum
- USB 2.0 or higher
- Windows Vista/7/8 (32 & 64-bit) with .NET 3.5 SP1



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