

Webscan 2D USB Imager Standard

Bar Code Verifier by 



Features

- Follows the ISO15416 and ISO15415 Bar Code Inspection Method
- Conforms to ISO15426 -1 and -2 Bar Code Verifier Specification
- Traceable to NIST (National Institute of Standards and Technology)
- Auto-discriminates between all popular symbologies
- Accurate display of the 'X' dimension/Magnification
- Automatic variable aperture size
- Multiple scan averaging
- Traditional analysis also provided
- USB connection
- Free lifetime software upgrades

Summary

The 2D USB bar code verifiers are handheld and compact in size allowing for easy movement of the units to inspect bar codes on odd shaped packages or on large sheets. The design ensures that the image is calibrated and in focus resulting in superior accuracy and repeatability.

Five models are available (different field of view):

- **2D USB Imager Standard - 45°Lighting, Field of view 34mm x 25.5mm with a min X dim of 6 mil, 3.1 MP**
- 2D USB Wide Angle Imager - 45°Lighting, Field of view 40mm x 30mm with a min X dim of 5 mil, 3.1 MP
- 2D USB DPM Imager - 45°/30°/90°Lighting, Field of view 25mm x 18mm with a min X dim of 7.5 mil, 3.1 MP
- 2D USB High Res - 45°Lighting, Field of view 25mm x 18mm with a min X dim of 5 mil, 5.0 MP
- 2D USB DPM High Res - 45°/30°/90°Lighting, Field of view 20mm x 15mm with a min X dim of 3.75 mil, 5.0 MP

To inspect a bar code, simply place the verifier over your symbol and push the button. Grading is automatically performed and the results are quickly displayed on the screen with a graphical interface highlighting for operators where any potential problems exist.

The high level of accuracy and repeatability ensure compliance with health-care and pharmaceutical demands.

The 2D USB series is the most complete handheld ISO/ANSI verifier from Web-scan

The Webscan 2D USB series meets the International Organization for Standardization's "Bar Code Print Quality Test Specification (ISO 15416 and ISO 15415) for both linear and 2D bar codes. It also meets International Organization for Standardization's "Bar Code Verifier Conformance Specification" (ISO 15426-1 and ISO15426-2).

Simply install the software on your computer, plug in the verifier and you can be confident that your barcodes are being checked to the highest standards. Exclusive software features including .csv file saving and GS1 Application Identifier (AI) Data Content testing.

The Webscan 2D USB Verifier, when used in conjunction with the accurately produced calibration sheet, forms an integral part of your ISO 9000 quality control procedures. Free software updates for life are downloadable from our website, ensuring that the instrument will remain at the leading edge.

A printed report can be produced on any connected printer. The report will be automatically resized to suit the output media including self-adhesive labels. Printouts include all the main verification information.

This equipment and its documentation were developed to fit into your company's existing ISO 9000/9001/9002 policies and procedures.



Webscan 2D USB Imager Standard

Features:

| | |
|--|---|
| Simple image/bar code capture | Y |
| ISO/ANSI scan profile test method | Y |
| Instant "On-Screen" ISO/ANSI Grade | Y |
| ISO/ANSI 10-scan averaging | Y |
| Traditional Test Method | Y |
| Extensive troubleshooting and printing optimization software | Y |
| Full Pharmaceutical reporting | Y |
| Dimensional measurement reporting | Y |
| Supports network database storage | Y |
| Auto-switch Symbolologies (linear and 2D) | Y |
| Automatic variable aperture | Y |
| Detailed color hardcopy printout | Y |

Verification Methods

Parameters determined by ISO/ANSI bar code print quality guidelines and traditional pass/fail criteria.

| | 2D USB | 2D USB Wide Angle | 2D USB DPM | 2D USB High Res | 2D USB DPM High Res |
|----------------------------|--------|-------------------|------------|-----------------|---------------------|
| ISO | Y | Y | Y | Y | Y |
| ANSI | Y | Y | Y | Y | Y |
| Traditional | Y | Y | Y | Y | Y |
| Bar/Space Measurements | Y | Y | Y | Y | Y |
| Industry Applications: | | | | | |
| GS1 General Specifications | Y | Y | Y | Y | Y |
| MIL-STD-130 (L through N) | Y | Y | Y | Y | Y |
| AS 9192 | Y | Y | Y | Y | Y |
| ISO/IEC 16022 | Y | Y | Y | Y | Y |
| ISO/IEC 18004 | Y | Y | Y | Y | Y |
| ISO/IEC 16023 | Y | Y | Y | Y | Y |
| ISO/IEC 24778 | Y | Y | Y | Y | Y |
| ISO/IEC 15415/15426-2 | Y | Y | Y | Y | Y |
| AIQG AS9132 | Y | Y | Y | Y | Y |
| AIM DPM | N | N | Y | N | Y |

Dimensions

| | |
|---------|----------------|
| Height: | 184 mm (7.25") |
| Width: | 165 mm (6.50") |
| Length: | 178 mm (7.00") |

Mechanical

| | |
|-----------|-------------------------------|
| Weight: | 1.8 kg (4.0 lbs) |
| Power: | 100 to 240 VAC |
| Case: | Custom |
| Display: | Customer Supplied PC Computer |
| Keyboard: | Customer Supplied PC Keyboard |

Environmental

| | |
|------------------------|----------------------------|
| Operating Temperature: | 32 to 104° F (0 to 40° C) |
| Storage Temperature: | 32 to 104° F (0 to 40° C) |
| Relative Humidity: | 5% to 95% (non-condensing) |

Optical:

| | |
|----------------|---|
| Test Aperture: | 3, 4, 5, 6, 10, 20 mil, and Variable |
| Wavelegth: | 660nm (Red) Narrow Band LED |
| Resolution: | 3.1 Megapixel or 5.0 Megapixel depending on model |

Symbolologies:

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

Safety/Regulatory:

93/68/EEC CE marking directive, 89/336/EEC EMC directive, 73/23/EEC Low voltage directive, EN 60950 Electrical safety, EN 55022 B EMC / Radio disturbances, EN 50082-1 EMC / Immunity

