

Webscan Optima Series

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 Optima 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.

Six models are available (different field of view, resolution, and white LEDs):

- **Optima HD** - Field of view 2.00" x 1.50" with a min X dim of 6.6 mil
- Optima WL - Field of view 2.00" x 1.50" with a min X dim of 10 mil
- Optima Plus - Field of view 3.00" x 2.20" with a min X dim of 7.5 mil
- Optima WL Plus - Field of view 2.75" x 2.06" with a min X dim of 10 mil
- Optima VHD - Field of view 1.22" x .90" with a min X dim of 3.3 mil

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 Optima series is the most complete handheld ISO/ANSI verifier from Webscan

The Webscan Optima 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 Optima 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.

auto ID



solutions

Webscan Optima Series

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 Symbologies (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.

	Optima
ISO	Y
ANSI	Y
Traditional	Y
Bar/Space Measurements	Y
Industry Applications:	
GS1 General Specifications	Y
MIL-STD-130M (L through N)	Y
AS9132-A /AIM DPM (only 45Q)	Y
ISO/IEC 16022	Y
ISO/IEC 18004	Y
ISO/IEC 16023	Y
ISO/IEC 24778	Y
ISO/IEC 15415/15416	Y
AIQG AS9132	Y

Dimensions

Height:	203 mm (8.0")
Width:	152 mm (6.0")
Length:	191 mm (7.5")

Mechanical

Weight:	1.4 kg (3.0 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:	White or 660nm (Red) Narrow Band LED depending on model
Resolution:	1.3 Mega-Pixel or 2.1 Mega-Pixel

Symbologies:

EAN/UPC with addenda, Code 39, ITF (I 2 of 5), UCC/EAN-128, Aztec Code, Code 128, Codabar, Code 93, GS1 DataBar Omnidirectional, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Expanded Stacked, PDF 417, MSI Plessey, MicroPDF 417, Composite Code CC-A/CC-B/CC-C, DataMatrix (ECC-200), QR Code, Micro QR Code

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

