Printronix SV100 and SV200 Series

Bar Code Verifier by **PRINTRONIX**

Features

- 100% Bar code inspection
- Integrates directly to thermal transfer printers
- Traceable to NIST (National Institute of Standards and Technology)
- Follows the ISO15416 and ANSI X3.182 Bar Code Inspection Method
- Conforms to ISO15426-1 Bar Code Verifier Specification
- Auto-discriminates between all popular symbologies
- Multiple scan averaging
- Traditional analysis also provided

The SV100/200 series of verifiers by Printronix provides fixed position scanning and high-speed on-line ISO/ANSI method verification of linear bar codes. This unique instrument can be used for many types of bar code verifying applications, from thermal transfer to high-speed digital imaging on flexographic printing presses.

The SV100/200 series always assures that bar code print quality is at an acceptable level. Instead of the random inspections from a portable or handheld verifier the SV100/200 series inspects up to 100% of all bar codes produced. Since the SV100/200 series provides diagnostic bar code quality information, it can reduce system downtime and save material costs. It does this by isolating the source of the problem. Once the source of the problem is found, it can be corrected before non-readable bar codes are printed and material is wasted. It can also check to make sure that a print mechanism has not failed or gone out of adjustment. In a digital printing environment it even makes sure that the correct data is encoded and that the encoded data is in the proper format.

When installing a new printing or conveyor line the SV100/200 series is a great tool, since it gives an indication of first time read rates, optimal scanner alignment, optimal conveyor/press speeds, and optimal printer settings and adjustments.

The SV100/200 series allows for affordable 100% inspection solutions

The SV100/200 series meet the International Organization for Standardization's "Bar Code Print Quality Test Specification (ISO 15416), the American National Standard Institute's "Guideline for Bar Code Quality' (ANSI X3.182-1990), the Uniform Code Council (UCC), and the CEN specifications regarding verification methods and methodology. It also meets International Organization for Standardization's "Bar Code Verifier Conformance Specification" (ISO 15426-1).

The SV100/200 Series analyzes and reports every verification parameter for ISO, ANSI, CEN, and traditional. The reported symbol quality parameters ensure the print method or complete bar code process is optimized. This is important for ISO corrective action procedures, label manufacturing, printing/tracking systems, ink jet applications and more. The SV100/200 series uses a serial port to interface with Printronix ScanVision software. The ScanVision software can be used for setup/configuration or even for real-time bar code quality analysis.

The verifier has five hardware outputs and two inputs. The inputs make it possible to detect an unreadable or missing bar code. The outputs can be used to light a green or red indicator light, sound an audible alarm or even to stop the printer.

If needed, a detailed hard copy printout can be produced from any Windows printer when using the ScanVision software.

If needed, inspection data can be saved to a database for recordkeeping or future analysis when using the ScanVision software.

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

auto ID solutions

Printronix SV100 and SV200 Series

Features

ISO/ANSI scan profile test method	Y
Instant "On-Screen" ISO/ANSI grade	Y
ISO/ANSI 10-scan grade averaging	Y
Traditional test method	Y
Special reflectometer mode	Y
Auto-switch Symbologies	Y
Change aperture/wavelength from menu	N
Automatic power off	Y
Data buffer	Y
Command code programming	N
Detail hardcopy printout (optional)	Y

Verification Methods

Parameters determined by ISO/ANSI bar code print quality guidelines and traditional pass/fail criteria.
Refer to model matrix below for configurations.

	SV100	SV100HD	SV100C	SV200-1	SV200-2
ISO	Y	Y	Y	Y	Y
ANSI	Y	Y	Y	Y	Y
Traditional	Y	Y	Y	Y	Y
Industry Applications:					
SCC Retail	Y	Y	Y	Y	Y
U.P.C Coupon Code	Y	Y	Y	Y	Y
AIAG (Automotive)	Y	Y	Y	Y	Y
LOGMARS (Government)	Y	Y	Y	Y	Y
HIBCC (Health)	Y	Y	Y	Y	Y
SISAC (Serials Coding)	N	N	N	N	N
CTIA/ABCD (Computer)	N	N	N	N	N
Bookland (Books)	Y	Y	Y	Y	Y
CCBBA (Blood Bank)	N	N	N	N	N

Dimensions

Height:	2.4 in. (6.1 cm)
Width:	4.4 in. (11.2 cm)
Length:	5.2 in. (13.2 cm)

Mechanical

Weight:	21 ounces (596 g)
Power:	AC Power Supply
Case:	Painted cold rolled steel
Beeper:	None
Display:	Computer Monitor
Keypad:	1-button, power
LEDs:	5 LEDs (Power/Sync, Calibration, Red, two Programmable)

Environmental

Operating Temperature:	40 to 105° F (4 to 41° C)
Storage Temperature:	14 to 140° F (-20 to 60°C)
Relative Humidity:	10% to 95% Non-condensing

Optical:

When ordering SV Series verifiers, choose the applicable aperture size

Test Aperture:	SV100: 6 mil
	SV100HD: 4mil
	SV100C: 10 mil
	SV200-1: 6 mil
	SV200-2: 4 mil
Wavelegth:	Visible: 660nm

Symbologies:

EAN/UPC with addenda, Code 39, Interleaved 2 of 5, Codabar, Code 128, Regular 2 of 5 (Discrete/Industrial 2 of 5)

Safety/Regulatory:

FCC Class A, CE Certified

C E