

Compliance Pro™ HSV Inspect Fact Sheet

General Description

The Compliance-Pro™ HSV Inspect is an on-line full ISO 15416/ANSI X.3 bar code verifier (linear symbologies). This tool provides a solution that is close to the price of a handheld verifier but still offers full 100% on-line bar code verification. The system is extremely easy to use with a single button (for calibration) and a three bulb light stack (red/yellow/green). This product inspects the bar code but does not offer bar code analysis to determine the cause of the ISO/ANSI results.

Equipment Type

- On-line full ISO/ANSI bar code verifier

Operation Modes

- All ISO and ANSI parameters

Symbologies

- GTIN 12 A&E, GTIN 8, GTIN 13 including 2 and 5 digit supplemental codes
- Generic (ANSI Traditional) Interleaved 2 of 5 plus GTIN 14 (1 2/5) Shipping Container Symbol
- Generic (ANSI Traditional) Code 39 plus mod 43 check character; AIAG, LOGMARS, and HIBC formats
- Generic (ANSI Traditional) Code 128; GTIN 14 (GS1 128) Shipping Container Symbol



Features

- Auto-discrimination between symbologies
- 600 scan per second scan head
- Two operation modes: Free scan and Sync pulse
- RS-232 programming port

Parameters Analyzed

- Global Threshold (ISO/ANSI method parameter)
- Reference Decode (ISO/ANSI method parameter)
- Decodability (ISO/ANSI method parameter)
- Modulation (ISO/ANSI method parameter)
- Defects (ISO/ANSI method parameter)
- Edge Contrast (ISO/ANSI method parameter)
- Rmin/Rmax (ISO/ANSI method parameter)
- Symbol Contrast (ISO/ANSI method parameter)

Cont.

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Parameters Analyzed Cont.

- Overall Symbol Grade (ISO/ANSI method parameter)
- Modulo Check Digits (mandatory symbology and optional application parameters)
- PCS (Traditional method parameter)
- Reflectance – Light (Traditional method parameter)
- Reflectance – Dark (Traditional method parameter)
- Ratio (Traditional method parameter)
- Average Bar Deviation (Traditional method parameter)
- Minimum Bar Deviation (Traditional method parameter)
- Maximum Bar Deviation (Traditional method parameter)
- Quiet Zone (Traditional method parameter)
- X Dimension (Traditional method parameter)
- Bar Code Direction (scanner decoder function)
- Symbology Type (scanner decoder function)
- % Decode (multiple scanning parameter)
- Encoded Data (scanner decoder function)

User Interface

- Single 1 button: Calibrate
- 5 LED indicators: Power/Sync, Calibration, Bar code read, and Two programmable
- Bi-color LED (red/green) for each scan head
- Three bulb light stack
- Five outputs (open drain FET type): A/B (>2.5) grade, C (1.5 – 2.5) grade, D/F (<1.5), and two customizable

Apertures and Light Source

- Four available models; 4, 6, or 10 mil scan head
- 660 nm (red light source)

Printer Options

- None

Reflectance Calibration

- Calibration card and protective sleeve provided with each unit

Power Source

- UL approved AC power supply

Service

- Depot service performed

Physical

- Traverse: 24"
- Verification Scanner: 5.0 " (127 mm) L x 4.4" (111 mm) W x 2.4" (60 mm) H

Standards Met

- ISO15416-1 Bar Code Print Quality Test Specification
- ISO15426-1 Bar Code Verifier Conformance Specification
- ANSI X3.182-1990 Bar Code Print Quality Guideline