



Check Scan: 1D/2D barcode validation System

For years, barcode verifiers provided precise specification designs for many variables, including reflectance, modulation, mil standard, edge contrast, and ambient light constraints, to ensure optimal scans. All scan variables and scan verifier unit design conform to ISO 15426-1 and ANSI 3.182 barcode inspection methods. The typical verifier unit consists of varying optics, a processor, and a printer for report generation.

Over the last decade, the Technologies Solutions Group team received customer requests for specialized barcode verification devices. A majority requested readable code, grade, pass/fail, and detailed reason for failed barcode scans. Technologies Solutions Group carefully reviewed each customer request and developed a reliable, low cost verifier unit to meet your needs.

How Does Check Scan Work?

TSG's Check Scan barcode validation unit is easy to use - no complicated setup, no industry acronyms, and multiple reports generated for each default barcode scanned.

The unit includes a handheld validator, a processor with installed software, and printer configured to meet your company requirements. After scanning a sequence of barcodes programmed for your company specifications, simply scan the product barcode and select a report from the list of options for a printed validation report from your barcode scan. If scanning subsequent codes, scan the barcodes to be validated and the report will default to the last entry. Multiple copies of the same report can be generated by scanning the report barcode again.

Why Choose Check Scan?

TSG's Check Scan barcode validator unit is currently the only cost effective product available that provides grades for both 1D/2D codes with the closest 2D verifier costing around \$6,000.00.



- Auto discriminates to all popular symbologies
- Bi-directional Scanning AND Multiple Scan Averaging
- Traditional Analysis and Reporting store and print capability
- Report types Pass/fail, multiple grades, barcode image (8 different reports)

CALL FOR PRICING OF SYSTEM AND ALL COMPONENTS

Scanner Dimensions and specifications

Mechanical

210 mm
115 mm
85 mm

Auto Body Optic (excluding cord)

Power: 26.5 ounces (751 g)
4 AA Alkaline or NiCad batteries and AC Charger (optional)
Case: Acrylonitrile Butadiene Styrene (ABS)
Beeper: Audible tones indicate an audible pass/fail and low
Weight: 326 g

Environmental

Operating Temperature: 0 degree C to 30 degree C 32F to 104F
Storage Temperature: -40 degrees to 60degrees C -40 degrees to 140 degrees F
Relative Humidity: 95% non- condensing
Material: Polycarbonate housing with overmold
Imaging:1280x1024 high resolution sensor
Aiming:Laser aimer Class 1/Class 2

Regulatory :CE, CSA, UL, 60950,FCC Part 15, CE (EMC and R&TTE Directives),
Issue 8, KCC

ICES-003,RSS-210

Data Validation US DoD UID guidelines, GS-1, ISO15434 and ISO15418

Symbologies

1-D: UPC/EAN/JAN, Codabar, Interleaved 2 of 5, Code 39,Code 128, Code 93, Pharmacode, POSTNET, PLANET Code,GS1 Databar, IMB, Postal2-D: Data Matrix, QR, MicroQR, PDF417, MaxiCode, Aztec, Micro PDF417Lighting UltraLight integrated bright

All further specifications can be found in the DM8600 PDF enclosed

Computer dimensions and specifications

Manufacturer Specifications

General

- OS Version: Windows 10 (Licensed)
- System Bit: 64Bit
- CPU: Intel Atom X5-Z8350 Quad-Core
- GPU: Intel HD Graphic
- Processor Speed (max): 1.44GHz
- RAM: 4GB DDR3
- Internal Memory: 64GB
- External Memory: Support up to 128GB
- Bluetooth
- Power Input: 5V

Ports

- HDMI
- RJ45
- SD Card Slot
- USB 2.0
- USB 3.0
- VGA
- 3.5mm Audio Jack
- DC IN

Languages

- Dutch, English, Spanish, French, Russian
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Media Formats

- Decoder Format: AVS, H.263, H.264/AVC, H.265/AVC, HD AVC/VC-1, HD MPEG1/2/4, RealVideo8/9/10, RM/RMVB, Xvid/DivX3/4/5/6
- Video: 1080P, 4K, DAT, FLV, MKV, MOV, MP4, VP9
- Audio: AAC, AC3, MP3, MPEG, OGA, OGG, TrueHD
- Graphic: BMP, GIF, JPEG, PNG, TIFF

Dimensions

- Main Product Dimensions: 117x 117x 25mm (L x W x D)
- Main Product Weight: 267g

All further specifications can be found in the Beeline PDF enclosed

Printer dimensions and specifications

Printing Technology: Thermal line printing **Print Resolution:**

Dots / line: 384 dots Dots / inch: 203 dpi

Print Speed: Receipt version 100mm/sec (max.)

General:

Temperature : Operating 10 to 50° C (14 to 122° F°) Bluetooth model
0 to 50° C (32 to 122° F°) Wi-Fi model

Humidity: 10 – 90% RHD **Dimensions:** 3.11" x 4.71" x 1.71" (79.0 x 119.8 x 43.6mm)
(W x D xH **Weight:** Receipt version: 0.5 lbs (228g) with battery, without roll paper and belt clip **Case Color:**
Epson Black

Print Fonts:

Print Fonts: Font A: 12 x 24 32cpl; Font B: 9 x 24 42cpl (default); Font C: 9 x 17 42cpl; Font D: 10 x 24 38cpl; Font E: 8 x 16 48cpl **Character Size:**

- Font A: 1.5 x 3.0mm

- Font B: 1.12 x 3.0mm
- Font C: 1.12 x 2.1mm
- Font D: 1.25 x 3.0mm
- Font E: 1.0 x 2.0mm (W x H)

Fonts:

- Font A: 12 x 24 32cpl
- Font B: 9 x 24 42cpl (default)
- Font C: 9 x 17 42cpl
- Font D: 10 x 24 38cpl
- Font E: 8 x 16 48cpl

- **Character Set:**95 Alphanumeric, 18 International, 128 x 43 Graphic
- **Barcode:**UPC-A, UPC-E, JAN8/EAN8, ITF(Interleaved 2 of 5), Codabar (NW-7), Code 39,Code 93, Code 128, GS1-128 (UCC/EAN-128), GS1DataBar DataBar Truncated, GS1DataBar Limited, GS1 DataBar Expanded, 2D symbol,PDF417, Datamatrix, QR Code,
- Maxi Code, Composite Aztec