PRINTRONIX® AUTO ID

ODV-1D

ONLINE DATA VALIDATION

100 % ACCURACY

BARCODE VALIDATION

IMPROVED PRODUCTIVITY

ODV delivers 100% Scanable Barcodes, 100% of the Time

Our exclusive Online Data Validation (ODV) eliminates compliance fees with automatic, 100% barcode validation. ODV recognizes when a bad barcode is printed, strikes through the bad barcode and reprints it. Available on the T6000 and T8000 thermal printers, ODV-1D ensures that all barcodes meet the most stringent scanning standards.

100% ACCURACY

- Deliver 100% accurate, scanable barcodes, 100% of the time

- Eliminate non-compliance or charge back fees

- Eliminate delayed or refused shipments

- Overstrikes bad barcodes and reprints the label, even sequential labels

IMPROVED PRODUCTIVITY

- Reduce labor costs and downtime with an unattended solution

- Fully automated solution keeps production lines up and running

- Analyzes each barcode immediately with minimal effect on throughput

- ODV action takes place without any host program modification

WE WATCH YOUR BARCODES SO YOU DON'T HAVE TO

Barcoded labels are the intelligence in today's fast moving supply chains. Attached to every product, they propel goods and information from the manufacturing facility to the retailer's shelf. In every industry, barcoded labels are the key to efficiency.

HOW ODV-1D TESTS THE BARCODES

ODV-1D takes the following steps to test each barcode image:

- ODV-1D analyzes the incoming data stream and finds every barcode command on each label.
- The label is printed and each barcode image is scanned and tested to its symbology specifications.
- ODV-1D correlates every barcode test result with the incoming data stream's barcode commands.
- If all the barcodes meet specifications, the label is good and ready for use. If the label does not meet specifications, ODV-1D uses its data stream analysis to overstrike the "bad" label and print a "good" replacement label.
- ODV action is automatic and takes place without any host program modification.

In summary, Printronix' Auto ID Online Data Validation is a tool that can save you time, money and stalled productivity. It evaluates every barcode label to provide total scanning assurance, and eliminates the need for costly human intervention in the barcode validation process.
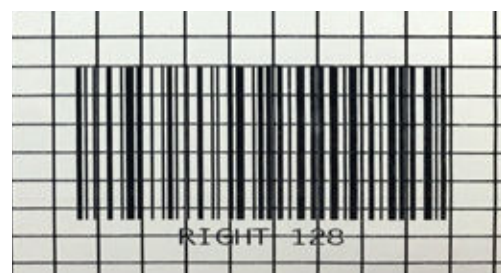
AUTO ID DATA MANAGER

Since bar codes have such an impact on supply chain efficiency, Printronix Auto ID has developed a closed-loop quality control system that monitors the barcoding process. Auto ID Data Manager is the Printronix Auto ID solution for fully automated barcode quality control. Now you can:

- Capture and display all barcode quality data, by label and by barcode, an invaluable tool for applying maintenance remedies.
- Minimize downtime, capture and display detailed validation information to get to the heart of any problem instantly.
- Capture and display the actual data within each barcode, to provide further assurance that critical data, such as serialized barcodes, print correctly.
- Allow for all data to be viewed online, stored in a file, or exported to a database in real time, to provide a true ISO9000 or QC archive.
- Save "snap shots" of the data in CSV or XML format, to quickly isolate problem labels.
- Use Printronix Auto ID Data Manager with multiple concurrent ODV connections, to assure maximum quality control in high-volume environments.
- Place printers into fault conditions for either barcode quality or data failures, to ensure that bad data will never will enter your system.

T6000 strikes through approximately 1" of the "bad" label then reprints it.

T8000 strikes through the entire "bad" label then reprints the label correctly.

ODV-1D

SPECIFICATIONS

BAR CODES SUPPORTED

Code 39
CODABAR
Interleafed 2 of 5
Code 93
Code 128
UPC/EAN plus add-ons
PDF417 (Limited)*

Checks linear start and stop bar only

LABEL REQUIREMENTS

Quiet Zone	Minimum: 10 times x-dimension
Barcodes per Line	Up to 4 codes on the same horizontal line
Barcodes per Form	Up to 99 codes per form
Barcode Orientation	Picket fence only
Horizontal Spacing	Minimum of 0.50" between codes on the same horizontal line
Barcode Height	Minimum bar code height is 0.13"
TOF to TOF Minimum Distance	0.50"

ODV SCAN MODE	SMALL WIDTH (4")	STANDARD (DEFAULT, 6")	WIDE WIDTH (8")
Scan Width*	4.50"	6.50"	8.50"
X-Dimensions (min.)	6.6 mils	10 mils	13 mils
Min. Code Height	0.13"	0.14"	0.20"

This scan width can be positioned anywhere across the label.

PRINT RUN REPORT

Number of forms printed
Number of bad forms
Bar width deviation of last bar code
Number of codes printed
Average bar width deviation

VALIDATION ERROR ACTIONS

Retry Form (default)
Stop and Retry
Grade and Report
Rescan Form
Rescan and Retry
Rescan and Stop
Overstrike, Stop

VALIDATION ERROR NOTIFICATION MODES

Printer Display
Printer Audible Alarm
Printer Status Light
Remote Notification

TELEMETRY REPORTS

Telemetry Path	Network Port
Data Contents (Selectable)	
- Short	Pass/Fail quality results
- Validation	Pass/Fail quality results + actual decoded data
- Full	Validation + all measured parameters

AGENCY CERTIFICATIONS

cTUVus, CE
Class 2 Laser Product

PRINTRONIX AUTO ID

printronixautoid.com