

# T8000 ODV-2D Series

## Enterprise Industrial Barcode Inspection Thermal Printer

Eliminate expensive compliance fees by producing 100% accurate barcodes, 100% of the time.

The ODV-2D is the industry's first affordable, fully integrated solution with the ability to print, verify, and validate 1D and 2D barcodes. The ODV-2D installs on either the T8000 4" or 6" printers. It is the first system that grades barcodes to ISO 15415, 15416 and 15426 standards and stores a detailed report of each transaction. Our exclusive technology reads each barcode, identifies a rejected barcode, and reprints a replacement label without operator intervention. The ODV-2D pays for itself by eliminating costly charge backs and fines for non-conforming labels. Advanced features allow it to integrate easily and quickly into existing applications.

### Key Features

#### Easy-to-Use

- Intuitive printer setup, print quality, and self-help wizards
- Large full color display panel with easy to use navigation keys
- Easily accessible side media loading
- Seamless integration with the most extensive library of print emulations in the industry, including Postscript/PDF printing
- Quick Change Memory Card (option) stores printer configuration and network settings for easy installation of new printers

#### Compliant Verification

- Verifies full suite of 1D and 2D barcodes with up to 50 barcodes per label
- Performs both data validation and compliance verification
- Grades to ISO standards including Quiet Zone and Check Sum errors
- Label back up and overstrike to identify bad barcodes
- Barcode "GPS" dynamically locates barcodes on a label by label basis to improve throughput
- Fully integrated solution with the ability to retract, void, and reprint labels with bad barcodes auto-matically
- Automatic capture of grading reports that can be used for defending chargeback and regulatory audits
- Up to 4" scan width, compatible with 4" and 6" printer models

#### Dependable Design

- Prints and verifies at up to 8 ips ODV-2D can read 1D and 2D barcodes in any 90° orientation
- PrintNet Enterprise Auto ID provides global or enterprise wide network access, control, update and reporting
- Compatible with third party label software through the PXML data reporting schema
- Calibration check from printer's control panel using provided plaque
- Works with a wide variety of label and ribbon types

### Applications

#### Manufacturing

- Work In Process
- Product Marking
- Compliance Labeling
- Industrial-Duty Printing

#### Transportation and Logistics

- Packing
- Shipping/Receiving
- Order Fulfillment
- Inventory Management

#### Warehouse & Fulfillment

- Item marking
- Carton and pallet labeling
- Shipping and receiving



# T8000 ODV-2D Series | Data Sheet



MODEL	T8000 4"	T8000 6"
Print Speed - Max	8 ips	8 ips
Print Width - Max	4.1"	6.5"
Print Resolution (dpi)	203/300	203/300
Back-up and Overstrike Distance	6"	6"
Barcodes Per Label - Max	50	50
Maximum Label Length (in)	24	24
Media Handling	Tear/Peel/Cut	Tear/Peel/Cut
Dual Vision / RFID function	No	No
Printer Footprint (L / W / H)	22" x 11.7" x 13"	24" x 13.4" x 14.5"
Read Technology	Camera	Camera
Grading Standard	ISO 15415, ISO 15416, ISO 15426	ISO 15415, ISO 15416, ISO 15426
Scan Width	4.5"	6.5"
Scan Resolution (mils)	2	3
Minimum X-Dimension 1D (mils)	10	15
Minimum X-Dimension 2D (mils)	10	15
Barcode Support - 1D	Code 39, Code 93, Code 128, UPC/EAN (and supplements), I 2/5	Code 39, Code 93, Code 128, UPC/EAN (and supplements), I 2/5
Barcode Support - 2D	Datamatrix (Square, Rectangle), PDF 417, QR	Datamatrix (Square, Rectangle), PDF 417, QR
Barcode GPS (Auto Barcode Find)	Yes	Yes
Barcode Orientation	0°, 90°, 180°, 270°	0°, 90°, 180°, 270°
OCR	Using Perceptor PTXL	Using Perceptor PTXL
OCR Point Size	5pt	5pt
OCR Fonts	Arial, Cambria, Consolas, OCR-B Others on demand basis	Arial, Cambria, Consolas, OCR-B Others on demand basis
OCV / Blemish Detect / Pattern Match / Duplicate Check	Using Perceptor PTXL	Using Perceptor PTXL
Output Reports	Yes	Yes
PrintNet Enterprise Remote Management	Yes	Yes
Data Report Capture	Yes	Yes
PXML Grade Report Capture	Yes	Yes
RFID Option	N/A	N/A
Cloud Database	Using Perceptor PTXL	Using Perceptor PTXL

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For more information on ODV or label quality inspection, please contact your local sales representative.



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