



LVS® V275 Series Print Quality Inspection Systems

Ensure that every label you use meets your quality standards.

- Inspect 100% of labels for print quality.
- Verify 1D and 2D codes to ISO standards.
- Ensure compliance with regulations and quality requirements.
- Check for cosmetic blemishes and errors in printed data.
- Avoid costly chargebacks, recalls, and supply chain disruption.
- Inspect labels without slowing printing operations.
- Maintains complete audit trail to meet regulatory requirements.
- Available for Zebra ZT610 and Zebra ZT620 printers.



Product Ordering Information

| Appearance | Description | Part Number |
|---|---|-------------------|
|  | V275 print quality inspection engine, integrated into a 300-dpi resolution Zebra ZT610 printer. Print and verify labels up to 4.1" wide at speeds up to 12 inches per second. | V275-P46Z61030-CC |
| | Same as above, with peel and present capability. | V275-P46Z6103P-CC |
| | V275 print quality inspection engine, integrated into a 600 dpi resolution Zebra ZT610 printer. Print and verify labels up to 4.1" wide at speeds up to 6 inches per second. | V275-P46Z61060-CC |
| | Same as above, with peel and present capability. | V275-P46Z6106P-CC |
|  | V275 print quality inspection engine, integrated into a 300 dpi resolution Zebra ZT620 printer. Print and verify labels up to 6.6" wide at speeds up to 8 inches per second. | V275-P86Z62030-CC |
| | Same as above, with peel and present capability. | V275-P86Z6203P-CC |


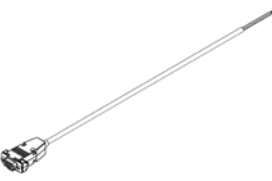




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(844) 477-4911 | www.ipsiscan.com

LVS V275 Series

Accessories

| Appearance | Description | Part Number |
|---|---|------------------|
|  | Light tower for use with LVS V275. Includes light tower and cable for connecting with Zebra printer. | V275-ALRYGZZT |
|  | Cable for connecting LVS V275 Zebra printer with a customer-supplied light tower. Cable is 2m long and has flying leads to allow adaptation to almost any light tower. Customer is responsible for connection to the light tower. | V275-ALCBL0ZT |
|  | Replacement EAN/UPS Conformance Calibration Standard Test Card for V275 in Zebra ZT610 printer, dated. | V275-ACEAN028 |
|  | Replacement EAN/UPS Conformance Calibration Standard Test Card for V275 in Zebra ZT610 printer, undated. | V275-ACEAN028-01 |
|  | Replacement EAN/UPS Conformance Calibration Standard Test Card for V275 in Zebra ZT620 printer, dated. | V275-ACEAN029 |
|  | Replacement EAN/UPS Conformance Calibration Standard Test Card for V275 in Zebra ZT620 printer, undated. | V275-ACEAN029-01 |
| Image not available | IQ/OQ/PQ Procedure for V275 system with 300DPI printer | V275-APIQOQ03-01 |
| Image not available | IQ/OQ/PQ Procedure for V275 system with 600DPI printer | V275-APIQOQ06-01 |

Service and Repair Kits

Service and repair kits are intended for use by qualified personnel for service and repair activities only. These kits should not be used for field repairs by non-technical customers.

| Appearance | Description | Part Number |
|---|---|---------------|
|  | Replacement readhead kit for Zebra ZT610-based LVS V275 systems. | V275-RRH04ZEB |
|  | Replacement readhead kit for Zebra ZT620-based LVS V275 systems. | V275-RRH06ZEB |
|  | PCB replacement kit for Zebra-based LVS V275 systems. | V275-RBS00ZEB |
|  | Encoder replacement kit for Zebra-based LVS V275 systems. | V275-RENC0ZEB |
|  | Peel and present sensor replacement kit for Zebra-based LVS V275 systems. | V275-RPPS0ZEB |
|  | Rear panel replacement kit for Zebra-based LVS V275 systems. Includes internal cabling. | V275-RRPC0ZEB |

LVS V275 Series

Ratings and Specifications

| LVS V275 Print Inspection Engine | |
|----------------------------------|--|
| Minimum 1D Code Size | 6.6 mil / .168 mm x dimension |
| 1D Code Orientation | Ladder or picket fence |
| Minimum 2D Code Size | 10 mil / .254 mm cell size |
| ISO/IEC Standards | ISO/IEC 15416 (1D grading); ISO/IEC 15415 (2D grading); ISO/IEC 15426-1 (1D verification); ISO/IEC 15426-2 (2D verification) |
| Barcode Types Supported | Aztec, Codabar, Code 128, Code 39, Code 93, Data Matrix, DataBar Expanded, EAN-13, EAN-13 (2-digit supplemental) Stacked EAN-13 (5-digit supplemental), EAN-8, GS1-128, GS1 DataBar Limited, GS1 DataBar, GS1 DataBar-14, GS1 Data Matrix, Interleaved 2 of 5, Micro QR Code, PDF417, QR Code, UPC-A, UPC-A (2-digit supplemental), UPC-A (5-digit supplemental), UPC-E, UPC-E (2-digit supplemental), UPC-E (5-digit supplemental) All applicable GS1 composite components |
| Minimum Font Size for OCR/OCV | 5 pt. |
| OCR/OCV Fonts Supported | Mono-spaced, Latin-based fonts, OCR-B upper and lower case, OCR-A lower case |
| Minimum Blemish Detected | 5 mil / .126 mm |
| Maximum Inspection Speed | Zebra ZT610 300DPI: 12" / 305 mm per second Zebra ZT610 600DPI: 6" / 152 mm per second Zebra ZT620 300DPI: 8" / 203 mm per second |
| Maximum Inspection Width | Zebra ZT610: 4.09" / 104 mm Zebra ZT620: 6.6" / 168 mm |
| Maximum Web Width | Zebra ZT610: 4.5" / 114 mm Zebra ZT620: 7.1" / 180 mm |
| Minimum Inspection Width | 0.98" / 25 mm |
| Maximum Label Length | 12" / 305 mm |
| Minimum Label Length | 0.8" / 20 mm |
| Maximum Media Thickness | 0.011" / 0.28 mm |
| Minimum Media Thickness | 0.002" / 0.05 mm |
| Printer Compatibility | Zebra ZT610 (4", 300 DPI & 600 DPI) Zebra ZT620 (6", 300 DPI) |
| Print Methods | Direct Thermal Thermal Transfer |
| Print Modes | Continuous Dispenser / Peel and present Tear-off (limited to certain label types, contact Omron for details) |
| Label Types | Most common labels types supported. Contact Omron for information about transparent labels, shiny labels, colored labels, colored ink, unusually thick or unusually thin label stock. |
| Communications / Power | 802.3af Power over Ethernet (PoE) |
| LVS V275 Software Requirements | |
| PC | Quad-core 2.6GHz processor 8GB RAM 500GB storage Dedicated Gigabit Ethernet NIC for interface with LVS V275 Print Inspection Engine, ideally PoE Windows® 7 or Windows® 10, 64-bit |
| Environmental | |
| Operating Temperature | 32° - 104° F / 0° - 40° C |
| Storage Temperature | -4° - 140° F / -20° - 60° C |
| Operating Humidity | 30% - 75% RH, non-condensing |
| Storage Humidity | 30% - 90% RH, non-condensing |
| Regulatory | |
| EMC | FCC 47 CFR Part 15 Class B ICES-003 Emissions EN 55032 Class B Immunity EN 55024 / EN 55035 |
| Safety | IEC 60950-1, IEC 62471, IEC 62368-1 |
| Agency Approvals | cULus, CE marking |

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