



## Main features

### Printing type



Barcode



Logo



Alphanumeric text

### Maximum height



0-15 mm



16-100 mm



Above 100 mm

### Printing surfaces



Primary packaging



Secondary packaging



Raw material

- High resolution printing up to .50 in. on primary and secondary packaging at high speed.
- Simple and compact design for easy integration on all production lines.
- Remote control through intuitive Software Z1 Remote Manager.
- Wide range of inks for coding on porous and non porous surfaces.
- Start up with one click and very easy to use.
- Clean production and no maintenance required.

# Z1

## TECHNICAL SPECIFICATIONS

### PRINTING CHARACTERISTICS

- Print height from 0.04" - 0.5" (1 to 12,5 mm)
- Line speed capability: up to 90 mt/min\* (295 ft/min)
- Available fonts: Windows True Type
- High quality graphic images printing
- Internal storage up to 9 messages
- Automatic date, time, off-sets and expiry date multi-functions
- Incrementing/decreasing alphanumeric product counters up to 8 digits
- Repeat print - message function
- Field orientation: 0°, 90°, 180°, 270°
- Fixed and variable text field types and barcodes (automatic or external)
- Coding throw distance up to 0.35" ( 9mm)

### BARCODES (LINEAR AND 2D)

- EAN 8, EAN 13, EAN 128, Code 2/5, Code 2/5 check, Code 39, Code 39 check, Code 128, DUN14, GS1 Databar, Datamatrix\*, GS1 Datamatrix\*, QR-Code\*, GS1 Databar\*

### GENERAL FEATURES

- Intuitive message creation with Z1 Remote Manager software
- Data transfer using USB key
- Simplified images and texts formatting with Stretch and Drag&Drop function
- Print parameters stored within each message
- Multi printhead management through Z1 Remote Manager software
- Communication to managements programs and software
- User interface and character sets with foreign languages and alphabets (European languages, Japanese, Arabic, Chinese, Cyrillic ....)
- Autoreal-time printing consumption calculation

### PRINTHEAD

- Stainless steel structure
- IP40 protection
- Thermal ink jet technology for industrial use
- Integrated sensor for product detection
- Horizontal resolution up to 900 Dpi
- Vertical resolution 600 Dpi
- Field orientation: sideways (0° and 90°), downwards and upwards
- High contrast pigmented inks
- Rapid dry and high adhesion inks for non porous surfaces
- Dimensions printhead: 3.8" x 3.2" x 4.8" (97 mm x 82 mm x 122 mm)
- Weight: 20.11 oz. (570 gr)

### EXTERNAL CONNECTIONS

- Scanner connection for printed barcode validation
- Ethernet interface for LAN connection 10/100/1000 Mbit
- External sensor management for product detection
- Parallel interface BCD
- Shaft encoder input for variable speed production lines
- External alarm output with traffic light column
- Z1 Remote Manager software for total remote PC management
- N°1 USB port version 2.0
- N°1 Serial port RS232

### ENVIRONMENT/ELECTRICAL REQUIREMENTS

- Temperature: from 40°-104°F (5° to 40°C)
- Humidity: 10 - 90% (non-condensing)
- Single Phase, 100-240 Vac, 50-60 Hz, 12 VA



Use a QR code reader to see the product page

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