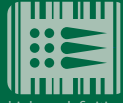# Z640 PLUS

high definition

- ► Exclusive high definition printheads for printing on porous and non-porous substrates

- ► Unrivaled 12,1" SVGA full colour touch-screen panel

- ► Suitable to drive simultaneously up to two printheads either 102mm (4") (T768) or 51mm (2") (T384 and T384 FDI)

- ► Total package coding with 204mm high piezoelectric printheads

- ► New .NET programming software for an easy integration with network management software

- ► High contrast patented inks for printing barcodes in accordance with the GS1 coding standard

- ► Innovative printhead heater systems ensures optimum performance in arduous industrial environments

ZANASI®
make your mark

Z640 PLUS

Printing Features

Drives simultaneously up to 2 printheads either 102mm (4") type (T768)
or 51mm (2") type (T384 and T384 FDI)
Line speed capability: up to 90 mt/min (295 ft/min)
Available fonts: all Windows True Type
Bold factor: up to 6 times
High quality graphic images printing
Message storage: up to 50GB
Automatic date, time, offsets and expiry date multifunctions
Incrementing/decreasing alphanumeric product counters up to 9 digits
Repeat print - message function
Field orientation: 0°, 90°, 180°, 270°
Fixed and variable text field types (automatic or external)

Bar Codes

GS1 128 • EAN/CODE 128 • UPC-A • EAN 13 & EAN 8 • ITF (A,B,C) • CODE 39 •
CODE 93 • 2/5 Industrial • 2D - Data Matrix • Others available on request

Construction characteristics

Stainless Steel structure AISI 304 - IP54 rating
Printing head - console distance: up to 5 mt (16,4 ft)

General Features

Easy message creation with enhanced and powerful programming software
Simplified images and texts formatting with Stretch and Drag&Drop functions
Fast and reactive user interface with a 12,1" SVGA full colour touch-screen panel
Print parameters stored within each message
Report function for executed printing counter, verifiable via ethernet
Auto real-time printing cost calculation
Operator Multi - Level password access
Communication to management programs and software
Operator interface and operating system with extended foreign languages and
alphabets (Arabic, Chinese, Cyrillic...)
Windows 7 Embedded operative system
64 GB SATA Hard Disk SSD (Solid State Disk)
Fanless native 1GHz microprocessor with 1GB RAM storage

Printheads

Stainless steel structure AISI 304
Industrial Piezoelectric technology
Horizontal resolution up to 300 Dpi
Vertical resolution 192 Dpi
Stainless steel AISI 316 single orifice plate
Serviceable and replaceable nozzle group
Sideward (0° and 90°) and upward printing with integrated or remote printhead
High contrast pigmented inks
Rapid dry and high adhesion inks for non-porous surfaces
Integrated robust shock and vibration proof system
Innovative purge system (Automatic Maintenance Purge Module™)
Exclusive flushing system with solvent (for T384 FDI printhead)
Innovative ink and printhead heater system
Dual ink feed improves flow rates for high printing speed
and smooth ink delivery
Dimensions printhead T768: 215mm x 60mm x 150mm (8,5" x 2,4" x 5,9")
Dimensions printhead T384: 175mm x 50mm x 100mm (6,9" x 2,0" x 3,9")
Dimensions printhead T384 FDI: 238mm x 54mm x 150,5mm (9,4" x 2,2" x 5,9")

External Connections

Scanner connection for printed bar code validation
Ethernet interface for LAN connection 10/100/1000 Mbit
Wi-Fi and Bluetooth connection (optional)
Optical sensor for product detection
Parallel interface BCD
Shaft encoder input for variable speed production lines
External alarm outputs with traffic light column
Remote service via internet
L@ncode® software for remote management
System Ready output
N°2 USB port version 2.0
N°2 Serial port RS232

Environment/Electrical requirements

Temperature: from 5° to 45°C (40°-113°F)
Humidity: 0 - 90% (non-condensing)
Single Phase, 80-240Vac, 50-60Hz, 100VA

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