TOURMALINE
ENTERPRISES

V1H
HANDHELD PRINTER

hp Inkjet Technology

High-resolution handheld TIJ printer for on-demand printing
Lightweight ergonomic design

Ink Management
Automatic ink recognition with adjustment to printing parameters, Original HP inks guaranteed

Large Touchscreen Display
5" color capacitive touchscreen display

Large message capacity
Store up to 500 unique messages

SYSTEM SPECIFICATIONS

Print Technology	HP Thermal Inkjet 2.5 Technology
Dimensions	8.6 in x 3.1 in x 6 in H x W x D (218 mm x 79 mm x 152 mm)
Print Height	Minimum 3/64 in (1 mm) Maximum 1/2 in (12.7 mm)
Multi-Line Printing	Group multiple messages together for multi-line printing
Number of Print Lines	1, 2, 3, 4 or more lines of high resolution codes
Print Resolution	Vertical 300 dpi Horizontal 300 dpi; superb image and text quality
Maximum Print Speed	198 ft/min (60 m/min) @ 300 dpi (default)
Time & Date	Real-time internal clock
Product Sensor	Built-in optical photoeye
Port Interface	Ethernet, USB 2.0, and RS232
Display	5 in (127 mm) full color touchscreen display
Ink Management	Built-in measuring system for ink consumption
Low Ink Indicator	Alert on touchscreen display; alarm light beacon is optional
Battery	2pcs 2200mAh rechargable batteries, 11.1V-12.6V, 300 cycle
Working Environment	WE -10° -- +45°C; 10%-85% RH
Storage Environment	SE -25° --+55°C; 10%-90% RH
Agency Certifications	CE, FCC

SOFTWARE SPECIFICATIONS

Printing Elements	Alphanumeric Text, Time & Date, Logos, Item Numbering, Shift Codes, Barcodes, and more
Printing Features	Reverse, Invert, Rotate, Repeat
Plug-Ins	Supports custom features via plug-ins
Message Length	Up to 9.8 ft (3 m)
Message Storage	Store up to 500 messages
Ink Usage	Automatically calculated for each message and displayed on touchscreen
Database Capability	Ethernet communication protocol for external communication
Languages	English, Spanish, Portuguese, German, French, Chinese, Japanese, and Russian

INK SOLUTIONS

Ink Types	Water based and solvent based options
Colors	Black, Red, Blue, Yellow, White; others colors available upon request
Volume	42ml ink cartridges or 370ml bulk ink solutions
Printable Materials	Porous, semi-porous, and non-porous surfaces