

## H-7379, H-7380, H-7381 BAR CODE PRINTER TECHNICAL SPECIFICATIONS



### ZEBRA ZT510

#### Maximum Print Area

Width: 4.09"  
Length: 150"  
Resolution: 203 dpi  
Maximum Print Speed: 12"/sec  
Memory: 2 GB Flash,  
512 MB RAM

#### Physical Characteristics

Width: 10.56"  
Height: 15.58"  
Depth: 20.17"  
Weight: 50 lbs.

#### Media Specifications

Label & Liner Width: .79" – 4.5"  
Ribbon Width: 2" – 4.33"

### STANDARD FEATURES

- Print methods: thermal transfer or direct thermal
- Construction: Rugged all-metal case for long-lasting use
- Transmissive/reflective media sensor
- Communications: USB, Serial, Gigabit Ethernet, Bluetooth® LE
- Selectable print speeds up to 12"/sec

### PROGRAMMING LANGUAGES

- **ZBI 2.0™** – Optional powerful programming language that lets printers run stand-alone applications, connect to peripherals and much more.
- **ZPL and ZPL II®** – Zebra Programming Language provides sophisticated label formatting and printer control, and is compatible with all Zebra Printers.
- **XML-enabled Printing** – allows XML communications for barcode label printing.

### OPERATION CHARACTERISTICS

#### Environment

- Operating Temp: 40°F – 104°F
- Storage Temp: -22°F – 140°F
- Operating Humidity: 20 – 85% non-condensing
- Storage Humidity: 20 – 85% non-condensing

#### Agency Approvals

- IEC 60950-1, EN55022 Class B, EN55024, EN61000-3-2,3

#### Electrical

- Auto-detectable (PFC compliant) 90 – 265 VAC, 47 – 63 Hz rated at 250 watts

### MEDIA CHARACTERISTICS

#### Labels

Max. roll size: 8" on a 3" ID core

#### Thickness (Label & Liner)

.003" – .012"

#### Media Types

Continuous, die-cut, black mark, notched

#### Ribbons

Max. roll size: 3.2" on a 1" ID core

#### Standard Lengths

1,476' capacity; provides 3:1 media roll to ribbon ratio

#### Ribbon Setup

- Ribbon wound ink side out
- Ribbon is recommended to be at least as wide as media

### FONTS/GRAPHICS

- 16 resident expandable ZPL II bitmap and two resident scalable ZPL fonts
- Asian and other international scalable and smooth bitmapped fonts
- Unicode™: For multi-language printing
- Downloadable objects include graphics, scalable and bitmap fonts, label templates and formats
- IBM Code Page 850 international character sets are available in the fonts A, B, C, D, E, F, G and O through software control
- Code Page 1250, 1252, 1253, 1254, 1255 Support with font O
- 32 MB user available DRAM
- 512 MB user available on-board Flash

### SYMBOLOGIES

#### Bar Code Symbolologies

##### Linear Bar Codes:

Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar, Planet Code

##### 2-Dimensional:

Codablock, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, TLC 39, Micro PDF, Aztec, RSS-14 (and composite)