



# RFID LABEL PRINTERS FROM BOWE IQ

- **ONE-STOP PRINTING AND ENCODING**
  - COMPACT, ROBUST AND RELIABLE
  - ON-METAL AND STANDARD LABELS
  - IMPROVED OPERATIONAL EFFICIENCY
  - EASY INTEGRATION WITH IoT SYSTEMS
  - IDEAL FOR A WIDE RANGE OF USES

For high-speed UHF RFID encoding, BOWE IQ offers a label printer for every application. From the high-volume T6000e that can print up to 10,000 labels per day to the mobile Alpha-40L for printing at the point of need, there is a solution for every business requirement.

In summary, our printers significantly enhance productivity, accuracy, and overall efficiency in any setting that relies on RFID technology, such as logistics, supply chain management, retail, manufacturing, healthcare, and asset tracking.

In fact, when it comes to fulfilling your RFID needs, BOWE IQ offers a comprehensive, one-stop-shop approach that is backed by decades of experience creating smart IoT solutions. From printers, labels, and portals to seamless integration with an advanced BOWE IQ IoT system, we can cover every aspect of your hardware and software requirements.

# SPECIFICATIONS



**TSC**  
The Smarter Choice

## T6000E ENTERPRISE-LEVEL INDUSTRIAL PRINTER

For high-volume applications of up to 10,000 labels per day

### RFID SYSTEM

**Encoding:** RAIN/UHF  
**Standard:** GS1 EPC Gen2 v2/ISO 18000-63

**Antenna:** Internal adjustable & external fixed

**Printer Languages:** PGL, ZGL, STGL, MGL

### RFID LABELS

**Types:** Standard/On-Metal/Other  
**On-Metal Tags:** Thickness up to 2.2mm (0.088")

**Label Pitch:** Down to 16mm (0.625")

**RFID Label Calibration:** Automatic

### CHIP (IC)

Includes Alien, Asygn, Axzon, EM Micro, Fudan, Impinj, Kiloway, NXP, Tego

### RFID DATA VALIDATION

**Encoding Failures:** Full/Partial Label Overstrike (Depends on label length)

**RFID Label Counter:** Tracks good/bad labels



### PRINT RESOLUTION

203dpi, 300dpi, 600dpi

### MAX PRINT SPEED

4" 14ips@203dpi, 12ips@300dpi, 6ips@ 600dpi  
6" 12ips@203dpi, 10ips@300dpi

### MAX PRINT WIDTH

4.1" (104.14mm), 6.55" (166.37mm)

### MEDIA HANDLING

Tear, Cutter

### 4", internal antenna only:

Peel/Rewind, Batch/Rewind

### INTERFACES

**Standard:** Ethernet, USB Host/Device, Serial

**Optional:** 802.11 a/b/g/n/ac, Parallel, GPIO

## T4000 MID-LEVEL INDUSTRIAL PRINTER

Supports mid-volume applications of up to 5,000 labels per day



### PRINT RESOLUTION

203dpi, 300dpi

### MAX PRINT SPEED

10ips@203dpi / 7ips@300dpi

### MAX PRINT WIDTH

4.1" (104.14mm)

### MEDIA HANDLING

Tear, Cutter

### INTERFACES

**Standard:** Ethernet, USB Host/Device, Serial

**Optional:** 802.11 a/b/g/n/ac, MFI Bluetooth 5.0

### RFID DATA VALIDATION

**Encoding Failures:** Full/Partial Label Overstrike (Depends on label length)

**RFID Label Counter:** Tracks good/bad labels

## CONTACT US TO DISCUSS:

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## T800 DESKTOP PRINTER

Designed for lower volume applications of up to 2,500 labels per day



### RFID SYSTEM

**Encoding:** RAIN/UHF  
**Standard:** GS1 EPC Gen2 v2/ISO 18000-63

**Antenna:** Internal adjustable

**Printer Languages:** PGL, ZGL, STGL, MGL

### RFID LABELS

**Labels/Tags:** Standard

**Label Pitch:** Down to 16mm (0.625")

**RFID Label Calibration:** Automatic

### CHIP (IC)

Includes Alien, Asygn, Axzon, EM Micro, Fudan, Impinj, Kiloway, NXP, Tego

### RFID DATA VALIDATION

**Encoding Failures:** Full/Partial Label Overstrike (Depends on label length)

**RFID Label Counter:** Tracks good/bad labels

### PRINT RESOLUTION

203dpi, 300dpi

## ALPHA-40L RFID MOBILE PRINTER

For lower volume applications (up to 1,000 labels per day) at the point of need



### RFID SYSTEM

**Encoding:** RAIN/UHF  
**Standard:** GS1 EPC Gen2 v2/ISO 18000-63

**Antenna:** Fixed position

**Printer Languages:** TSPL, ZPL

### RFID LABELS

**Labels/Tags:** Standard

**Label Pitch:** Down to 16mm (0.625")

**RFID Label Calibration:** Automatic

### CHIP (IC)

Includes Alien, Asygn, Axzon, EM Micro, Fudan, Impinj, Kiloway, NXP, Tego

### RFID DATA VALIDATION

**Encoding Failures:** Full/Partial Label Overstrike (Depends on label length)

**RFID Label Counter:** Tracks good/bad labels



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