# CognitiveTPG
# M320 MOBILE RECEIPT AND LABEL PRINTER

## High Performance and Rugged Direct Thermal 3-inch Printer for On-the-Go Receipt and Label Print Applications

## "Mobile. Printing. Simplified."

CognitiveTPG's M320 mobile printer prints high quality direct thermal labels and receipts from your smart phone or tablet.   Rugged, lightweight and ergonomically designed, the M320 printer enables you to wirelessly print on-demand using Bluetooth™ or 802.11 b/g.

The M320 is designed to withstand nearly any environment from the extreme cold, to the dusty warehouse, to the pristine hospital.  Its IP54-rated protective case makes it resistant to dust and water and its rubber over-mold design provides an extra level of protection from drops or bumps.

The M320 has universal appeal across many markets and applications and is simple to use.

- Wireless communication interfaces include Bluetooth or 802.11 b/g
- Holds a 2 ¼ " roll for extended use
- Fast print and processing speeds to increase productivity
- Strong battery that lasts up to 12 hours
- Supports multiple emulations
- 2-year warranty
- Full range of accessories available

## COGNITIVETPG
### Innovation built to last

## MARKETS & APPLICATIONS

### Public Safety
for parking citations, evidence labels, warning notices, inspection reports

### Field Service
for repair estimates and work orders, statement of work, compliance information, receipts and invoices, utility billing/meter reading

### Retail and Hospitality
for mobile point of sale, shelf tag labels, return to vendor

### Route Accounting
for delivery receipt & invoices, order history, inventory reports

### Manufacturing and Warehouse
for asset tracking, work in progress labels, inventory picking, bin labels, finished goods labels

### Healthcare
for specimen and lab labels, medical record labels, radiology

## TECHNICAL SPECIFICATIONS

### PRINT
| | |
|---|---|
| Method | Direct Thermal |
| Speed | 4 inches/second (102 mm/second) |
| Resolution | 203 dpi (8 dots/mm) |
| Maximum Print Width | 2.83" (72 mm) |
| Maximum Print Length | 90" (2,286 mm) |

### MEDIA
| | |
|---|---|
| Maximum Roll Capacity | Receipt - 2.25" (57 mm) OD |
| | Label - 2.16" (55 mm) OD |

### MEMORY
| | |
|---|---|
| Flash | 4 MB |
| SDRAM | 8 MB |

### COMMUNICATIONS
| | |
|---|---|
| Wireless | Bluetooth or 802.11 b/g |

### BARCODES
1D barcode: Code 39, Code 93, Code128UCC, Code 128 subsets A, B, C, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST, GS1 Databar

2D barcode: PDF-417, Maxicode, DataMatrix, QR code, Aztec

### FONTS
8 alpha numeric bitmap fonts, One Monotype Imaging CG Triumvirate Bold Condensed scalable font

### PROGRAMMING LANGUAGE
ZcPL and CPCL emulations

### ELECTRICAL
| | |
|---|---|
| Power | Two-cell, 7.4V DC, 2500 mAh Li-ion rechargeable battery |
| Operation | 14 to 122 °F (-10 to 50 °C), 10-90% non condensing |
| Storage | -40 to 140 °F (-40 to -60 °C), 10-90% non condensing |

### RELIABILITY
| | |
|---|---|
| Printhead Life | 1 million inches (25 km) |
| IP Rating | IP 54 (with case) |
| Warranty | 2 years |

### DIMENSIONS
| | |
|---|---|
| Footprint (W"x D"xH") | 4.57" x 2.75" x 5.83" (116 mm x 70 mm x 148 mm) |
| Weight | 1.21 lbs (.55 kg) including battery |

### ACCESSORIES
Label software, belt clip, quick start guide, Li-ion battery, power adapter

Meets strict European standards, such as RoHS & WEEE compliance for non-toxicity of components and recyclability.

440-0001-01-0414 V.3

**COGNITIVETPG**
Innovation built to last