

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/n.

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 ensures that it will continue to print even after a five foot drop.

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/n
- Holds a 2 1/4 " roll for extended use
- Fast print and processing speeds to increase productivity
- Rugged design that will endure a 5 ft (1.5 m) drop
- Strong battery that lasts up to 12 hours
- Supports multiple emulations
- 2-year warranty
- Full range of accessories available



M320 MOBILE RECEIPT AND LABEL PRINTER

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/n
----------	---------------------------

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)
Drop Specification	5 ft. (1.5 m)
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.