

Specifications

Print Method:

Direct thermal

Resolution:

203 dpi (8 dots per mm)

Print Speed:

Up to 3.3 ips

Width:

Up to 4.1 in (10.41 cm)

Fonts:

A wide range of font types and sizes, from 6 cpi to 34 cpi depending on emulation chosen, plus scaling

International Characters:

An expanding catalog available for download. Bar Codes: 39, 128, Intlv 2 of 5, EAN08 and 13, PDF-417 and UPC, depending on emulation chosen.

Connectivity:

RS-232 (DB-9F)

Software:

Drivers and Utilities: Drivers for WIN 98, 2000, XP, compatible with Windows® CE/Pocket PC and Palm OS print utilities and SDK's.

Printer Setup program provides convenient configuration via a Windows interface from any computer

Emulations:

Emulates many popular printer brands and languages including O'Neil, Zebra CPCL and ZPL, Extech, IPL, MPL, E-Sim and Printek Mt3. Can be upgraded as new emulations become available

Ingress Protection Rating:

IP54

Print Media:

Paper Type: Direct thermal roll

Roll Size: Maximum roll diameter 2.625 in (6.7 cm) allows roll widths from 3in to 4.125 in (7.6 to 10.5 cm)

Roll Capacity: Approximately 171 ft (52.1 cm) max. Core Size: 0.75 in (1.9 cm)

Electronics/Power:

Ruggedized screw down-type DB-9 connector for power and I/O.

DC Input: 8 to 32 VDC

Overvoltage Protection: 80 VDC for 1 hour.

Failsafe to 180 VDC.

I/O Short Circuit: Tolerant of shorts to ground or DC input.

Dimensions:

(L x W x H): 7.7 x 6.6 x 3.1 in
(19.56 x 16.76 x 7.87 cm)

Weight:

2.0 lb (0.90 kg)

Memory:

2 MB Flash, 1 MB SRAM. Standard memory supports large and graphic intensive print jobs

Operating Temperature:

-40° F to 185° F (-40° C to 85° C)

Operating Humidity:

10% to 90% RH (non-condensing)

Rated IP54 per IEC529

Chemical resistant case per SAEJ1455

Operator Controls And Indicators:

4 illuminated icons for general fault, wireless connection, MCR ready and battery status.

2 line LCD for system alerts and messages, configuration setup and battery charge

Buttons for power, paper feed and setup menu.

Sensors for paper out, black mark detection, and door open.



Standard Features

- Designed for superior resistance to impact and harsh chemicals
- IP54 rated for water and dust resistance
- Rugged, screw down connector for power and data
- Simple drop-in paper loading
- Direct thermal printing
- Wide input voltage range and superior circuit protection
- Onboard weighing, forklift applications
- Data/power cable and one roll of paper supplied with printer

APPROVALS



FCC
NRTL

Specifications Continued

Durability And Reliability:

Survives multiple 4 foot drops to concrete (each face) and conforms to IEC 68-2

Vibration Resistance:

9.8 frms 24 to 2000 Hz

MTBF: 10,000 hours in normal use

Approvals:

FCC Class B, CE mark, UL listed AC adapters, E-mark on In-Vehicle adapters

Warranty:

One-year printer warranty on the entire printer—case and print head included

Part Number/Price

Part #	Description	Est. Weight	Price
115527	MtP400si, 4 in direct thermal printer, IP54, RS-232	2 lb	Consult

Options/Accessories

Part #	Description	Price
115528	Paper roll, thermal 4.125 in wide, 1.625 OD, .75 in core	Consult
115529	Universal ball-mount	Consult
118713	Uncoiled data/power cable	Consult