PrintPAD Series

PRINTING SOLUTIONS

Innovative Mobile Printing for Rugged Environments

The PrintPAD portable printer from Symbol Technologies works in the most rugged environments to enable the production of hard copy back-ups of digital information and signature printing, as well as the generation of receipts, tickets and labels for a variety of applications.

This innovative, one-piece printer and computer system consists of a 4.41 inch (112 mm) wide thermal printer in a rugged case and an embedded communications charging cradle designed for use in a number of different applications with a variety of Symbol handheld computers.

Applications	Functions
Beverage and food sales	Generate up to 748, 6-in. (150-mm) receipts with graphics and logos
Field service	Print work summary reports at the point-of-service
Law enforcement	Generate citations or tickets at the roadside
Route accounting and direct store delivery (DSD)	Print real-time information, such as inventory level data at the customer site or in the warehouse
Rugged mobile point of sale (POS)	Scan items, take credit card payment and issue a customer receipt anywhere on the premises (requires optional magstripe reader)
Proof of delivery	Print high-resolution signatures
Transportation and logistics	Print compliance shipping and inventory labels

Designed for Comfort and Ease of Use

The PrintPAD with integrated carry strap and optional shoulder strap is designed for maximum user comfort. The PrintPAD simply "wakes up" automatically when data is received so there are no buttons or switches required for operation. After printing, the PrintPAD returns to "sleep" mode to conserve battery life without any user intervention.

Mission-Critical, Global Mobility Solutions

Meet your mobile application challenges with the PrintPAD Series one-piece printing solution from Symbol Technologies. To ensure that the PrintPAD printers meet your language needs today—and tomorrow, any international character set can be added. You can deploy the PrintPAD Series with confidence because it's from Symbol Technologies—a global leader with proven systems at work in millions of locations around the world.

Features	Benefits
Supports Symbol SPT 1700, PPT 2700, PPT 2800, PDT 8000, PDT 8037, PDT 8046, PDT 8056 and PDT 8100 (monochrome and color) handheld computers	Delivers portable printing capabilities across multiple applications for a total solutions value proposition
Versatile printing capabilities	Prints 748, 6-in. (150-mm) receipts on a single charge; includes an 80-column font for invoice printing
Flexible power source	Powered by two, high-capacity lithium-ion batteries with an optional AC or cigarette adapter for occasional simultaneous battery recharging in both printer and mobile computer
Intelligent power management	Automatic and user definable settings extend battery life
Supports international character sets, graphics and any Bitstream© font or language	Allows the flexibility required to support worldwide applications
Easy Print® protocol	Supports all popular bar codes, lines, boxes, graphics, system status, memory, formats, fonts
Supports printing of 1D and 2D bar codes	Provides versatile printing capabilities
One year warranty on printers; five year warranty on case	Offers a low cost of ownership

For more information, contact us at +1.800.79ONEIL or +1.949.458.0500, or visit us on the web at: **www.oneilprinters.com**

PrintPAD Series Highlights

Physical Characteristics

Dimensions:

PrintPAD for 1700/2700/2800:	13 in. L x 8.25 in. W x 2.12 in. H
	33 cm L x 21 cm W x 5.4 cm H
PrintPAD for 8100:	13 in. L x 8.25 in. W x 2.12 in. H
	33 cm L x 21 cm W x 5.4 cm H
Packaged:	13.75 in. L x 8.50 in. W x 2.37 in. H
	34.9 cm L x 21.6 cm W x 6.0 cm H
PrintPAD for 8000/8046:	13 in. L x 8.25 in. W x 2.5 in. H
	33 cm L x 21 cm W x 6.35 cm H
PrintPAD for 8037/8056:	13 in. L x 8.25 in. W x 2.5 in. H
	33 cm L x 21 cm W x 6.35 cm H
Packaged:	13.75 in. L x 8.50 in. W x 2.625 in. H
	34.9 cm L x 21.6 cm W x 6.7 cm H

Weight:

PrintPAD for 1700/2700/2800/8100:	28.16 oz./798.32 gm
Packaged (w/batteries & paper):	44.0 oz./1247.38 gm
PrintPAD for 8000/8046:	31.05 oz./880.2 gm
Packaged (w/batteries & paper):	43.02 oz./1219.6 gm
PrintPAD for 8037/8056:	28.6 oz./810.8 gm
Packaged (w/batteries & paper):	46.4 oz./1315.4 gm

Drop Specification:	4 ft./1.2 m (tested with terminal)
Battery	7.2V Lithium-Ion (Li-on) 1350 mAh (2 batteries for a total of 2700 mAh)
Endurance:	Approx. 5,850 in. on two batteries (748, 6-in. receipts)
Battery Life:	56% of original capacity after 500 cycles
Recharging:	Internal Intelligent 2-3 hour quick charge from AC or cigarette lighter adapter
Color:	Black

Performance Characteristics

Print Technology:	Direct Thermal
Thermal Head:	832 dots across, 8 dots/mm, 203.2 dots/in.
Print Head Life:	400,000,000 dot lines @ 25% coverage
Print Speed:	2 inches per second with 2 batteries
Memory Capacity:	4 Mb Flash, 1 Mb RAM
Interfaces:	Standard 1700/2700/2800, 8100, 8000, 8037, 8046, or 8056 Interface Connector; RS-232 Serial up to 38.4 baud

Fonts and Languages

Standard Fonts:	5.5CPI, 7.2CPI, 10.2CPI, 10.7CPI, 18.5CPI, 20.4CPI, 22.6CPI, 1D and 2D bar codes
International Characters:	Arab-T, Arab-S, Arab-E, Asian-A, Asian-B, shiftJIS, Greek, OCRA, OCRB, Unicode subset including Thai and Latin
Graphics:	Supports storage of graphics/logos in flash memory. Also supports transient, print once graphics.

Media

Media Types:	Direct thermal paper and labels
Roll Capacity:	4.41 in. W x 624 in. L
	112 mm W x 15,849.6 mm L

User Environment

Operating Temperature:	-4° to 122° F /-20° to 50° C
Storage Temperature:	40° to 158° F/-40° to 70° C (without handheld computer)
Charging Temperature:	41° to 104° F /5° to 40° C
Humidity:	10% to 90% noncondensing
ESD Protection:	8 kV Air, 4 kV Contact

Accessories

Included Accessories:	(2) 7.2V lithium-ion batteries; hand strap;
Paper Roll:	4.41 in. W x 624 in. L/112.0 mm W x 15849.6 mm L
Optional Accessories:	
Smart Card Reader:	Card reader option reads magnetic swipe track 1, 2, 3 plus smart card read/write
AC Adapters:	490008-003 (U.S.), 490024-000 (Euro), 490023-000 (U.K.) PrintPAD 1700/2700/2800 and PrintPAD 8100
AC Adapters:	220180-000 (U.S.), 220181-000 (Euro), 220182-000 (U.K.) PrintPAD 8000 / 8046 and PrintPAD 8037/8056
Cigarette Adapter:	510002-003: Cigarette Lighter Adapter
Cables:	210164-000: DB9F Coiled Right Angle Data Cable
	210192-000: DC Power Extension
Replacement Batteries:	550034-000: Lithium-Ion 7.2V, 1350mAH
Cleaning Cards:	770033-000: microFlash 4 Cleaning cards

Protocols

Status/Error Prompts:	PrintPAD Thermal
Print Buffer Empty (Report Finished)	•
Out of Paper	•
Time Out (No activity or response from handheld)	•
Print head temperature (available by query)	•
Minimum firmware level	4.33

Warranty

The PrintPAD printer is warranted against defects in workmanship and materials for a period of 12 months (1 year) from the date of shipment; the PrintPAD case is warranted against defects in workmanship and materials for a period of 60 months (5 years) from the date of shipment.

Regulatory

EMI/RFI:	FCC, B, CE & C-Tick, E-Mark