



The compact, multi-station POS printers that bring high productivity, media flexibility and outstanding reliability to your application

PH640 Series Printers from OKI Printing Solutions combine the best of direct thermal and dot matrix technologies—for superior functionality at an affordable price.

OKI Printing Solutions delivers a series of receipt-validation-endorsement printers with available MICR reading capabilities.

Designed to meet the growing need for smaller, faster, multifunction POS printers, PH640 Series printers are the ideal choice for a wide range of applications in retail point of service, supermarkets, restaurants, hospitality, and banking.

A hybrid of direct thermal-dot matrix technologies, PH640 Series printers have an unmatched print speed of 4.7 lines (250 mm) per second¹—translating into 53 receipts per minute!—at 203 dpi resolution. And equipped with MICR-reading technology, these printers make it quick and easy to validate and endorse checks.

Your choice for versatility – PH640 Series models print on thermal paper up to 80 mm wide, as well as checks, cut sheets and multi-part forms at widths up to 9" (22.8 cm) and thicknesses up to 0.31 mm (original + 3 copies).

In addition to superior media handling, the printers also offer a number of useful features—such as a “double resolution” mode to assure the best print quality of logos and graphics; 2-color capability; and 2-D barcode (PDF417) printing.

Engineered to keep you up and running – PH640 Series printers have long-life printheads and cutters for maximum uptime and fewer user interventions. Rolls of media and replacement ribbons simply drop in, with virtually no downtime. And their exceptional ease of use means PH640 Series printers can be up and running with little need for staff training.

They are available with serial, parallel, USB or LAN connectivity, and an external power supply (required, available separately).

Industry-leading support – PH640 Series printers come with a 2-Year limited warranty with Overnight Exchange. Should you need technical assistance, you can speak to a live expert located in North America 24/7/365 by calling, toll-free, **800-OKI-DATA (800-654-3282)**.²

The PH640 Series: Ultra-fast, flexible and easy to use, backed by the support you expect from OKI Printing Solutions.

Highlights:

- Direct thermal/Dot matrix hybrid POS printer³
- Fastest print speed in its class: 4.7 lps (250 mm/sec)¹ – up to 53 receipts per minute
- Check endorsement and validation
- Available with or without MICR reader
- Extremely high reliability
- Handles thermal paper, checks, cut sheets and multi-part forms
- 203 dpi resolution standard
- Windows[®] 7, Vista[®] and XP compatibility
- Serial, parallel, USB and LAN connectivity
- 24/7/365 live technical assistance²



¹ Published performance results based on laboratory testing. Individual results may vary.

² Available in the U.S. and Canada only.

³ Requires external power supply. Available separately.

PH640 Series

Specifications	
Thermal Receipt Station	
Print Method	Direct Thermal
Print Speed	Up to 4.7 lines per second (250 mm/sec) ¹
Print Resolution	Selectable: 203 x 203 dpi (8 dots/mm) and 203 x 406 dpi (16 dots/mm)
2-Color Print Capability	Red & Black, Blue & Black or Green & Black (2-color thermal paper required)
Barcodes	Supported (including 2D PDF417)
Paper Media	
Width	Standard: 80 mm; Adjustable: 76 mm or 58mm
Thickness	0.065 mm – 0.085 mm
Roll Diameter	Up to 3.26" (83 mm)
Print Width	80 mm paper = 72 mm; 76 mm paper = 68 mm; 58 mm paper = 50.8 mm
Easy-Load	"Drop-In & Print"
Paper Out Sensor	Standard
Paper Low Sensor	Standard
Cover Open Sensor	Yes
Auto Cutter	All models; Guillotine (partial cut only)
Reliability	
MCBF	60 million lines
Auto Cutter	1.5 million cuts ²
Impact Slip/Validation Station	
Print Method	9-Pin Bi-directional (logic-seeking printhead)
Number of Columns	60 or 45
Paper Media	
Types	Checks, Roll Stock, Cut Sheet, Multi-part Forms
Size	Width: 68 mm – 230 mm; Length: 75 mm – 297 mm
Thickness	1-Ply: 0.09 mm – 0.20 mm; 4-Ply: 0.09 mm – 0.31 mm
Print Area	3.36" (85.4 mm) max
Multiple Copies	Original + 3 (up to 4-ply paper supported)
Paper Loading	Intelligent front loading; Instant top-of-form positioning
Check Validation	Yes (max 8 lines)
MICR	Yes – Top or Bottom position (see Ordering Information)
MICR Character Sets	E13B and CMC-7
Ribbon Life	4 million characters
Reliability	Overall life: 37 million lines; available MICR units: 240,000 passes
General Specifications	
Case Colors	Beige or Charcoal
Emulations	Star® Mode, ESC/POS®
Compatibility	Windows® 7 (32-bit), Vista® (32-bit), XP (32-/64-bit), Server 2008 (32-bit), 2000/SP3
Connectivity	Parallel, Serial, USB or Ethernet (LAN)
Swappable Interfaces	Yes
Environmental	
Dimensions (WxDxH)	7.3" x 11.65" x 7.0" (186 mm x 296 mm x 177 mm)
Weight	10 lb. (4.6 kg)
Power Supply	External (required; available separately)
Peripheral Drive Circuit	2 circuits
Power	24V DC +/- 10%
Safety Standards	UL, C-UL, TÜV, FCC Class A, CE, CB GOST, C-tick, AS Standard, VCCI Class A, EN55022
Included with Printer	Installation CD with Drivers and Manuals; Set-Up Sheets; Start-Up Thermal Paper Roll; Ribbon Cartridge; Paper Guide; Power Switch Cover; Ferrite Core
Warranty	2-Year limited warranty with Overnight Exchange ³

Ordering Information	
Description	Part Number
PH640 MICR–Top Parallel w/Cutter	62116101
PH640 MICR–Top Parallel w/Cutter (Charcoal)	62116401
PH640 MICR–Top Serial w/Cutter	62116102
PH640 MICR–Top Serial w/Cutter (Charcoal)	62116402
PH640 MICR–Top USB w/Cutter	62116103
PH640 MICR–Top USB w/Cutter (Charcoal)	62116403
PH640 MICR–Top LAN w/Cutter	62116104
PH640 MICR–Top LAN w/Cutter (Charcoal)	62116404
PH640 MICR–Bottom Parallel w/Cutter	62116201
PH640 MICR–Btm Parallel w/Cutter (Charcoal)	62116501
PH640 MICR–Bottom Serial w/Cutter	62116202
PH640 MICR–Btm Serial w/Cutter (Charcoal)	62116502
PH640 MICR–Bottom USB w/Cutter	62116203
PH640 MICR–Btm USB w/Cutter (Charcoal)	62116503
PH640 MICR–Bottom LAN w/Cutter	62116204
PH640 MICR–Btm LAN w/Cutter (Charcoal)	62116504
PH640 Parallel w/Cutter	62115001
PH640 Parallel w/Cutter (Charcoal)	62116301
PH640 Serial w/Cutter	62115002
PH640 Serial w/Cutter (Charcoal)	62116302
PH640 USB w/Cutter	62115003
PH640 USB w/Cutter (Charcoal)	62116303
PH640 LAN w/Cutter	62115004
PH640 LAN w/Cutter (Charcoal)	62116304
Power Supply	
External (required)	72007101
Consumables	
Black Ribbon (4MM Character Life)	52124101

For more information on Point of Service Printers from OKI Printing Solutions, please contact your OKI representative. Or visit our Web site: www.okiprintingsolutions.com

¹ Published performance results based on laboratory testing. Individual results may vary.

² Depending on paper thickness.

³ Available in the U.S. and Canada only.

Specifications are subject to change without notice.

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