

DATAMAX TO HONEYWELL TRANSITION GUIDE

September 2021

ABOUT THIS GUIDE

1.1 SCOPE


This guide provides guidance determining replacement product selections for discontinued printers.

1.2 MIGRATION FROM E-CLASS TO PC43


Desktop Printers:

- For low volume labeling applications.
- Typically, less than 2 rolls or 1,000 labels per day.
- Ideal for offices, retail, healthcare, small and medium - sized businesses, packing and shipping, and light-duty manufacturing and warehouse environments.
- Use PC43 and get the work done faster. A maximum print speed of 8 ips, a printer that can host stand alone applications, enabling increased productivity.

E-CLASS

PRODUCT	FAMILY	PRINTER TYPE	MAX. MEDIA WIDTH	MAX. PRINT SPEED	PRINT RESOLUTION	CONNECTIVITY	PRINT LANGUAGE
	E-Class 4"	Direct Thermal or Thermal Transfer (Optional)	4.40 in (112mm)	6 ips (152 mm/s)	203,300 dpi (8, 12 dpmm)	Serial (RS232), Parallel*, USB 2.0*, USB Host*, Ethernet LAN (10/100)*, Wireless 802.11 a/b/g*, Bluetooth*	DPL (Datamax), ZPL (Zebra), IPL (Intermec), EPL (Eltron), XML-Enabled

PC43

PRODUCT	FAMILY	PRINTER TYPE	MAX. MEDIA WIDTH	MAX. PRINT SPEED	PRINT RESOLUTION	CONNECTIVITY	PRINT LANGUAGE
	PC43t 4"	Thermal Transfer	4.64 in (118 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)	USB 2.0, USB Host 2.0, Ethernet LAN (10/100)*, Wireless 802.11b/g/n & Bluetooth*, Serial (RS232)**, Parallel**	C# for Printers, IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), XML-Enabled
	PC43d 4"	Direct Thermal	4.64 in (118 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)		
	PC23d 2"	Direct Thermal	2.35 in (60 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)		

* Optional accessory


** Via optional adapter cable

1.3 MIGRATION FROM M-CLASS TO PD45 AND PD43



Commercial/Light Duty Industrial Printers:

- For light duty industrial and commercial applications.
- Up to 4,000 labels per day.
- Ideal for warehouses, distribution centers, manufacturing, transportation and logistics, healthcare and retail environments.
- Increase your productivity with the Smart Print Capabilities of **PD45 and PD43**. Deploy stand alone applications onto the printer and control other Devices like: Scanners, Keyboards etc. Reduce the time spent between different working equipment.


M-CLASS

PRODUCT	FAMILY	MAX. MEDIA WIDTH	MAX. PRINT SPEED	PRINT RESOLUTION	CONNECTIVITY	PRINT LANGUAGE
	M-Class™ 4"	4.25 in (108 mm)	10 ips (254 mm/s)	203, 300 dpi (8, 12 dpmm)	USB 2.0, Serial (RS232), Parallel, Ethernet LAN (10/100)*, Wireless 802.11b/g*	ZPL (Zebra), IPL (Intermec), FGL (Boca)

PD45

PRODUCT	FAMILY	MAX. MEDIA WIDTH	MAX. PRINT SPEED	PRINT RESOLUTION	CONNECTIVITY	PRINT LANGUAGE
	PD45S	4.5 in (114 mm)	10 ips (254 mm/s)	203, 300 dpi (8, 12 dpmm)	USB2.0/USB Host RS-232/10-100Mbps Internet Parallel*, GPIO Applicator Card*, Wireless 802.11 a/b/g/n/ac*	Fingerprint (FP), Direct Protocol (DP), IPL, ZSim2 (ZPL-II), DPL; C# languages for printers
	PD45	4.5 in (114 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)	PD4500C: USB2.0/USB Host RS-232/10-100Mbps Internet Wireless 802.11 a/b/g/n/ac* PD4500B: USB only	Fingerprint (FP), Direct Protocol (DP), IPL, ZSim2 (ZPL-II), DPL; C# languages for printers

PD43

PRODUCT	FAMILY	MAX. MEDIA WIDTH	MAX. PRINT SPEED	PRINT RESOLUTION	CONNECTIVITY	PRINT LANGUAGE
	PD43t 4"	4.65 in (118 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)	USB 2.0, USB Host, Ethernet LAN (10/100)*, Serial (RS232)*, Parallel*, Bluetooth & Wireless 802.11b/g/n*	IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), EPL (Eltron), C# for Printers
	PD43c 4"	4.65 in (118 mm)	8 ips (203 mm/s)	203, 300 dpi (8, 12 dpmm)		

* Optional accessory


** Via optional adapter cable

1.4 MIGRATION FROM I-CLASS TO PM45 AND PM43



Mid-Range Industrial Printers:

- Rugged and reliable, for medium- to high-volume labeling applications.
- Up to 7,000 labels per day.
- Ideal for warehouses, distribution centers, manufacturing, transportation and logistics and healthcare environments.
- **PM45** is planned for launching in Q3 2021. Get to the Next Level in Printing with increased Memory, faster CPU, higher Print Speed, Smart Printing and Remote Device Management via Operational Intelligence.


I-CLASS

PRODUCT	FAMILY	MAX. MEDIA WIDTH	MAX. PRINT SPEED	PRINT RESOLUTION	CONNECTIVITY	PRINT LANGUAGE
	I-Class™ 4"	4.65 in (118 mm)	12 ips (304 mm/s)	203, 300, 600 dpi (8, 12, 24 dpmm)	Serial (RS232), Parallel, USB 2.0, Ethernet LAN (10/100)*, Wireless 802.11 a/b/g*, Dual USB Host*, SDIO*, GPIO*	AutoDetect: DPI (Datamax), ZPL (Zebra), IPL (Intermec)

PM45

PRODUCT	FAMILY	MAX. MEDIA WIDTH	MAX. PRINT SPEED	PRINT RESOLUTION	CONNECTIVITY	PRINT LANGUAGE
	PM45	4.5 in (114 mm)	14 ips (350 mm/s)	203, 300, 406, 600 dpi (8, 12, 16, 24 dpmm)	WLAN*: IEEE 802.11 a/b/g/n/ac, Bluetooth*: V5.0 Bluetooth and BLE Supported, WWAN* CAT4 LTE Modem, Ethernet 10/100/1000 Mbps, USB 2.0 Device RS-232, Parallel Interface* (IEEE 1284), Industrial interface* – eight digital in/out, four analog relays, one RS232/422/485 port, Applicator Interface* – Ext Error 8-pin mini-DIN, Z-style standard DB15 port, S-style standard 14-pin Centronics, Ext Power 6-pin mini-DIN, RFID UHF*	Fingerprint (FP) Direct Protocol (DP) Intermec Printer Language (IPL) ZSim2 (ZPL-II), DPL, XML-enabled for SAP® All and Oracle® WMS, PDF, C#
	PM45c	4.5 in (114 mm)	14 ips (350 mm/s)	203, 300, 406, 600 dpi (8, 12, 16, 24 dpmm)	WLAN*: IEEE 802.11 a/b/g/n/ac, Bluetooth*: V5.0 Bluetooth and BLE Supported, WWAN* CAT4 LTE Modem, Ethernet 10/100/1000 Mbps, USB 2.0 Device RS-232, Parallel Interface* (IEEE 1284), Industrial interface* – eight digital in/out, four analog relays, one RS232/422/485 port, Applicator Interface* – Ext Error 8-pin mini-DIN, Z-style standard DB15 port, S-style standard 14-pin Centronics, Ext Power 6-pin mini-DIN, RFID UHF*	Fingerprint (FP) Direct Protocol (DP) Intermec Printer Language (IPL) ZSim2 (ZPL-II), DPL, XML-enabled for SAP® All and Oracle® WMS, PDF, C#

PM43

PRODUCT	FAMILY	MAX. MEDIA WIDTH	MAX. PRINT SPEED	PRINT RESOLUTION	CONNECTIVITY	PRINT LANGUAGE
	PM43 4"	4.49 in (114 mm)	12 ips (304 mm/s)	203, 300, 406 dpi (8, 12, 16 dpmm)	Serial (RS232), Ethernet LAN (10/100), Wireless 802.11 b/g/n* USB 2.0, USB Host, Parallel*, Industrial Interface*, Dual Serial RS232*, Dual USB Host*	IPL (Intermec), Fingerprint / Direct Protocol, ZPL (Zebra), DPL (Datamax), C# for Printers
	PM43c 4"	4.49 in (114 mm)	12 ips (304 mm/s)	203, 300, 406 dpi (8, 12, 16 dpmm)	Serial RS232*, Dual USB Host*	

* Optional accessory



** Via optional adapter cable

1.5 MIGRATION FROM H-CLASS TO PXIE AND PX940



High Performance Industrial Printers:

- Built for mission critical applications and 24x7 operation.
- Up to 10,000 labels per day.
- Ideal for warehouses, distribution centers, manufacturing, transportation and logistics, and healthcare environments.
- Choose Honeywell`s **PXie** and **PX940** printers build on latest technology and get reliable support for your operations: Ruggedness, Compact Design, Smart Printing, Remote Device Management and Verification (PX940V only), all these to enable Increased Productivity - Simplified Printing Processes and 0 Missed Compliance Costs - Error Free Labels).

H-CLASS

PRODUCT	FAMILY	MAX. MEDIA WIDTH	MAX. PRINT SPEED	PRINT RESOLUTION	CONNECTIVITY / COMMUNICATION / RFID	PRINT LANGUAGE	APPLICATIONS / DRIVERS	ERP COMPATIBILITY	DEVICE MANAGEMENT
	H-Class™ 4"	4.65 in (118 mm)	12 ips (304 mm/s)	203, 300, 600 dpi (8, 12, 24 dpmm)	Serial (RS232), Parallel, USB 2.0 Compatible, Wireless 802.11 b/g*, GPIO Applicator Card*, RFID	ZPL (Zebra), IPL (Intermec), PL-B (Boca), DPL (Datamax)	DMX Config: Complete printer setup utility DMX NetManager, Embedded Network Web Pages, Windows® Drivers - NT, XP, Vista	-	-
	H-Class™ 6"	6.70 in (170 mm)	12 ips (304 mm/s)	203, 300 dpi (8, 12 dpmm)				-	-
	H-Class™ 8"	9.00 in (229 mm)	8 ips (203 mm/s)	300 dpi (12 dpmm)	USB 2.0, Dual USB Host, Ethernet LAN (10/100), GPIO Applicator Card and Serial (RS232)*, Wireless 802.11 b/g*	PCL5e, PCL6/XL		-	-

PXIE AND PX940

PRODUCT	FAMILY	MAX. MEDIA WIDTH	MAX. PRINT SPEED	PRINT RESOLUTION	CONNECTIVITY	PRINT LANGUAGE	APPLICATIONS / DRIVERS	ERP COMPATIBILITY	DEVICE MANAGEMENT
	PX4ie	4.4 / 4.3 in (112 (DT) / 110 (TT) mm)	12 ips (300 mm/s)	203, 300, 406 dpi (8, 12, 16 dpmm)	USB, Parallel, Serial, Dual Serial Port, Ethernet (Wired, Wireless LAN 802.11, RFID, Industrial Card)	IPL, DP, Zsim (ZPL), Dsim (DPL), Fingerprint, #C	InterDriver Windows® printer driver, CUPS driver for Linux, Honeywell Device Types for SAP, Honeywell label design and print package	XML-Enabled for SAP® All, Oracle® WMS	Integrated Web Interface, SmartSystems™, Wavelink®, Avalanche™, Oplintel, PrintSet MC
	PX6ie	6.59 in (167.4 mm)	9 ips (225 mm/s)	203, 300 dpi (8, 12 dpmm)					
	PX940	At 203 dpi: 4.25 in (108 mm) At 300 dpi: 4.16 in (105.7 mm) At 600 dpi: 4.16 in (105.6 mm)	At 203 dpi: 2-14 ips (50-350 mm/s) At 300 dpi: 2-12 ips (50-300 mm/s) At 600 dpi: 1-6 ips (25-150 mm/s)	203, 300, 600 dpi (8, 12, 24 dpmm)	USB, Parallel, Serial, Ethernet (Wired, Wireless LAN 802.11, RFID, Industrial Card)	IPL, DP, Zsim (ZPL), Dsim (DPL), Fingerprint, #C	InterDriver Windows® printer driver, CUPS driver for Linux, Honeywell Device Types for SAP, Honeywell label design and print package, Inline Verifier	XML-Enabled for SAP® All, Oracle® WMS	Integrated Web Interface, SmartSystems™, Wavelink®, Avalanche™, Oplintel, PrintSet MC

* Optional accessory


** Via optional adapter cable

1.6 MIGRATION FROM APEX PRINT SERIES TO RPE SERIES


High Performance Industrial Printers:

- Ultra-Rugged design portable label/receipt Printer minimizing downtime and efficiency increases.
- For Honeywell mobility products or any mobile computer printing configurability; provide flexibility and mobility.
- Battery last up to 8-10 hours shift; with “hot” swappable capabilities (maintain memory and wireless connection during a battery change)
- Ideal for DSD (direct store delivery), field Service, eCitation, T&L, Retail, and Airline operation
- **A total solution** - Honeywell Mobile Computers, a host of accessories, software support, Operational Intelligence, and media compatibility

APEX

PRODUCT	FAMILY	MAX. MEDIA WIDTH	MAX. PRINT SPEED	CHARGE TIME	CONNECTIVITY	ACCESSORIES
	Apex 2,3,4	2: 135 mm x 103 mm x 60 mm (5.1 in x 4.1 in x 2.4 in)	2ips (51 mm/s)	6 hours	USB, Parallel, Serial, Ethernet (Wired, Wireless LAN 802.11, RFID, Industrial Card)	IPL, DP, Zsim (ZPL), Dsim (DPL), Fingerprint, #C
		3: 156 mm x 127 mm x 58 mm (6.1 in x 5.0 in x 2.3 in)	2ips (51 mm/s)	6 hours		
		4: 191 mm x 166 mm x 63 mm (7.5 in x 6.5 in x 2.5 in)	3ips (76 mm/s)	9 hours		

RPE

PRODUCT	FAMILY	MAX. MEDIA WIDTH	MAX. PRINT SPEED	CHARGE TIME	CONNECTIVITY	ACCESSORIES
	RP2e	25 mm (1.00 in.) to 57 mm (2.25 in.)	4ips (102 mm/s)	4 hours	USB 2.0, NFC, Bluetooth®4.0 + LE Apple® iOS compatible 802.11 a/b/g/n/ ac dual radio mode; wireless access modes: infrastructure and ad hoc	Connection: Mini/USB-Ethernet Communications dongle, plug, cable for configuration Carriage: Belt Clip, Heavy-Duty Velcro Belt Mount, Shoulder Strap, Hand Strap, Environmental Soft Case Mounting: Single mount with MFxT adapter; single mount with Wall Adapter Plate Kit. Charging: Settlement Room 5-mount includes charger, single vehicle mount with RAM arm. Quad-dock charger, single charge
	RP4e	51 mm (2.00 in.) to 111 mm (4.4 in.)	5ips (127 mm/s)	7 hours No battery (Battery Eliminator) option available		

* Optional accessory

** Via optional adapter cable

For more information

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