

DATAMAX TO HONEYWELL TRANSITION GUIDE



WITH HONEYWELL, EXPECT BETTER PRINTING

To better support your business for what's ahead, we have to evolve. That's why we're saying goodbye to our current offering of Datamax brand printers and hello to an all-new suite of Honeywell printers.

This guide is designed to provide guidance when determining the best Honeywell replacement printer for your discontinued Datamax brand printer.


Honeywell

MIGRATION FROM DATAMAX E-CLASS TO HONEYWELL'S PC43


DESKTOP PRINTERS

- For low volume labeling applications.
- Typically, fewer 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

MIGRATION FROM DATAMAX M-CLASS TO HONEYWELL'S PD45 OR 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

MIGRATION FROM DATAMAX I-CLASS TO HONEYWELL'S PM45 OR 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.
- Get enhanced printers 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), 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

* Optional accessory



** Via optional adapter cable

MIGRATION FROM DATAMAX H-CLASS TO HONEYWELL'S PXIE OR 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 built 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 - simplifying printing processes and reducing compliance costs and errors.

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

MIGRATION FROM DATAMAX'S APEX TO HONEYWELL'S RPE SERIES


HIGH PERFORMANCE INDUSTRIAL PRINTERS:

- Ultra-rugged design with portable label/receipt printer that helps minimize downtime and increases efficiency.
- 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	(Apex 2 and Apex 3 only), RS232, up to 115.2 kbps USB: 2.0	BELT LOOP, Shoulder Strap System, IP54 Certified Environmental Case, USB Cable 2.0
		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	(Apex 3 and Apex 4 only) Bluetooth® (Class 1); Version 2.1IrDA: IrLPT v1.0; IrCOMM v1.0	

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		

For more information

www.sps.honeywell.com

* Optional accessory

** Via optional adapter cable

Honeywell Safety and Productivity Solutions

855 S Mint St
Charlotte, NC 28202
800-582-4263
www.honeywell.com

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