



PX45 AND PX65 INDUSTRIAL PRINTER TRAINING

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Honeywell

PX45 AND PX65 INDUSTRIAL PRINTERS

The PX45 and PX65 industrial printers are flexible, compact, and programmable, helping enable customers to optimize their printing operations, streamline deployment, and achieve quick return on investment.

- Compact size without any loss of performance.
- Rugged and scalable for the long haul.
- PC and mobile applications that support variable methods of network, multi options of remote device management software and smart printing to ease printing jobs



AGENDA

1. Value Proposition
2. Product & Technical Notes
3. Launch and Selling

WHY PX45 AND PX65



MANUFACTURING

- Easy deployment
- High-volume printing
- High quality and precision
- Ruggedness
- Remote management



AUTOMOTIVE

- Easy deployment
- High-volume printing
- High quality and precision
- Ruggedness
- Remote management
- 6" print width (PX65)



DC/WAREHOUSE

- Ease of use
- Stable connectivity
- High frequency printing
- Reliable print quality
- Remote management
- 6" print width (PX65)

HONEYWELL PRINT SOFTWARE PLATFORM

SEAMLESS CONNECTIVITY, SECURITY AND PRODUCTIVITY
THROUGHOUT THE ENTIRE FLEET OF PRINTERS

INTEGRATION

- Seamless integration into new and legacy printing solution.
- Simplify enterprise print process with ERP systems
- Minimize time and effort when developing custom solutions based on business need

MANAGEMENT

- Help keep printing operations connected and on schedule with real-time notifications regarding printer performance.
- Leverage predictive analytics and insights to help identify where printing workflows can be made even more efficient and address challenges

PROVISION

- Help reduce the time it takes to set up a comprehensive printing solution
- Quickly connect and configure from Windows, Android and iOS device.

SECURITY

- Help secure printing operations and protect the business from data vulnerabilities and security breaches.

HONEYWELL PRINT SOFTWARE PLATFORM

Common Software Platform

PX940, PX45/65, PXie, PM45, PM43, PD45, PD43, PC43, RP2f, RP4f

INTEGRATION

- Multiplatform SDK
- Web SDK
- Print Demo App
- Print Services
- PDF Printing
- XML Printing
- Language Simulations
- SAP Smart Forms
- CUPS
- InterDriver
- SmartParse
- Smart Printing
- Verifier Integration Interface
- Bartender

MANAGEMENT

- Operational Intelligence
- SOTI Connect
- Printer Built-in Web Page Tool
- Verification Result Analysis Tool

SOTI Connect is supported for all printers.

PROVISIONING

- PrintSet
- PrintSet MC
- USB Staging

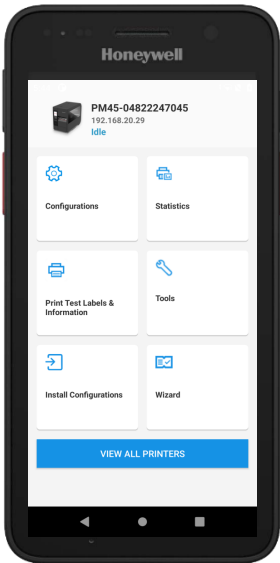
SECURITY

- Printer Security

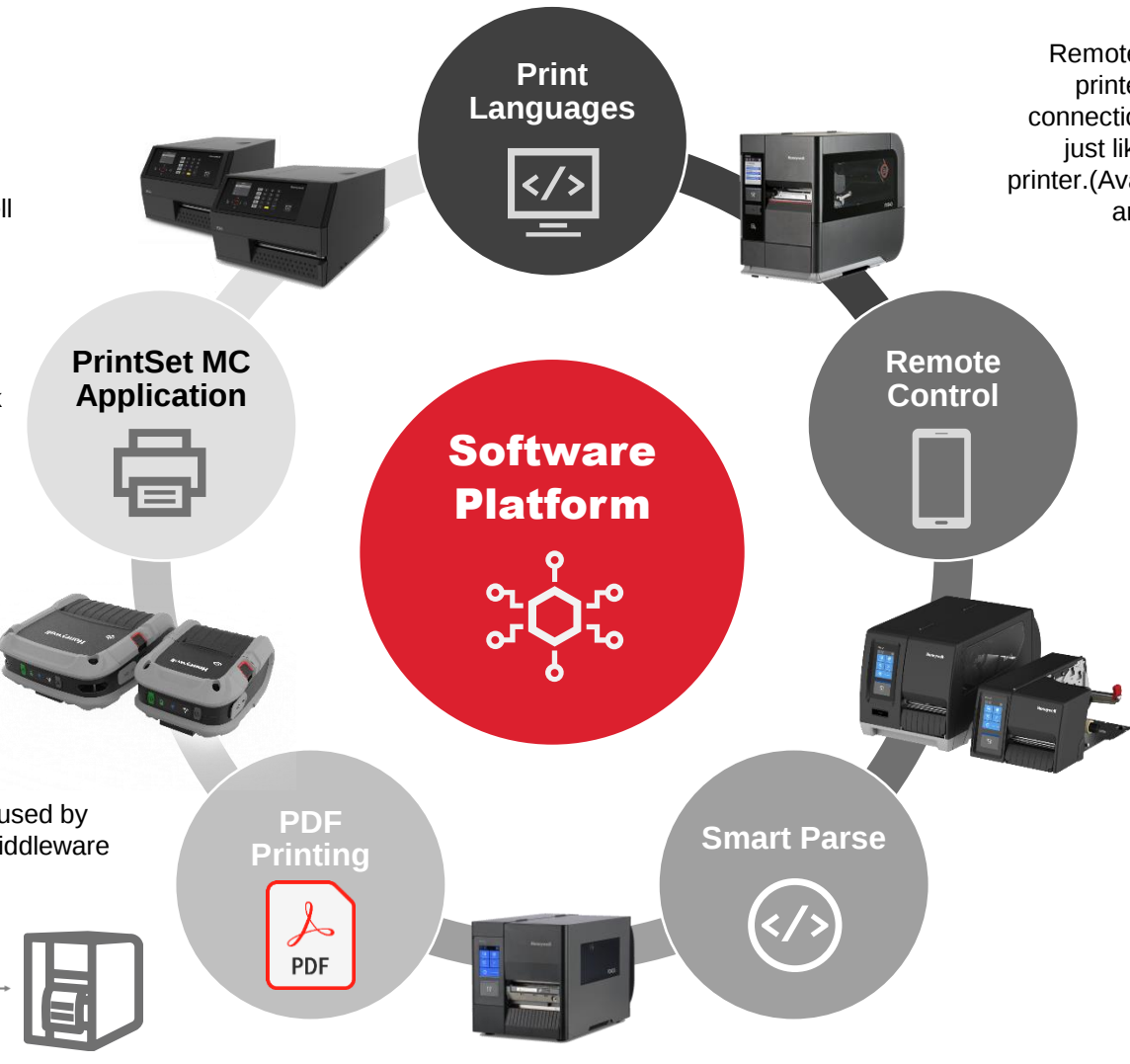


NEW FEATURES OVERVIEW

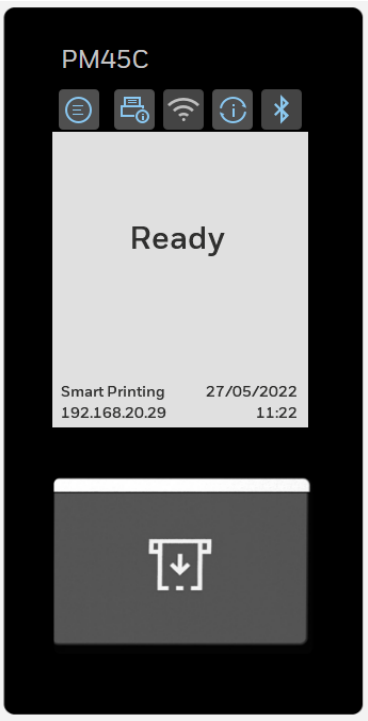
Direct Protocol (DP)
Datamax Print Language (DPL), Zsim, etc.



PrintSet MC is an application for configuring Honeywell printers from an iOS or Android device. The application communicates with the printer via Bluetooth or Network connection, reading and writing printer configuration information.



Remote Control your Honeywell printer display over a network connection and configure settings just like standing in front of the printer. (Available for PX940, PM45, and PD45S, coming soon)



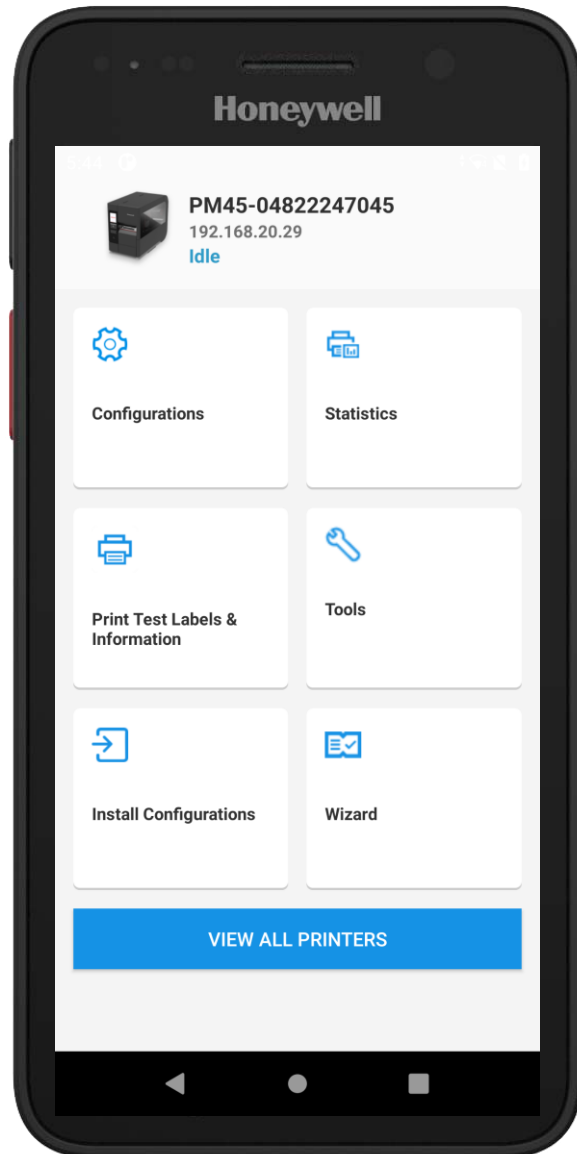
Printing PDF directly to a printer is commonly used by ERP systems, like SAP and Oracle, without middleware or by a smart device with generated PDF.



Smart Parse is a software feature which enables customers to modify incoming data streams in the printer without the need to change customer backend system or have any programming knowledge.



NEW FEATURE - PRINTSET MC APP



PrintSet MC is an application for configuring Honeywell printers from an iOS or Android device. The application communicates with the printer via Bluetooth or Network connection, reading and writing printer configuration information.

CONFIGURATIONS

- Communications: Serial, Ethernet, Wi-Fi, Bluetooth (RPf only), BLE
- Printing: Media Print Quality
- System Settings: Languages, Services, Display
- Install Configurations: XML Settings, Fonts, Images
- Update Firmware

PRINT TEST LABELS & INFORMATION

- Printer Statistics
- High print quality
- Easy media loading and printhead replacement

WIZARDS

- Print Quality
- Wireless Setup



PRODUCT AND TECHNICAL NOTES

INTRODUCING NEW PX45/65 INDUSTRIAL PRINTER

MAIN SPEC – ENTERPRISE READY



- **Resolution:** 203dpi, 300dpi, 406 dpi(PX45 only)
- **Speed:** 2, 4, 6, 10, 12 ips
- **Registration:** +/-0.75 mm
- **Labels/day:** 10,000

INDUSTRY PRINTER PLATFORM



- All-in-one programming languages
- High print quality
- Easy media loading and printhead replacement

SYSTEM ARCHITECTURE



- Processor IMX6 SOLO
- 256MB/512MB
- Honeywell Printer Platform

SCALABLE INTERFACES



- Parallel
- Industrial
- Dual Serial Ports
- Applicator
- RFID

CONNECTIVITY



- 10/100 Ethernet
- WLAN 802.11 a/b/g/n/ac
- BT 5.0
- Dual high-speed USB

USER INTERFACE



- 2.3 Inch color LCD

DEVICE MANAGEMENT



- Operational Intelligence
- PrintSet 5
- Printset MC
- SOTI® (Coming soon)



Coming in
Q2 2022

PX45/65 VERSUS PX4E/6E

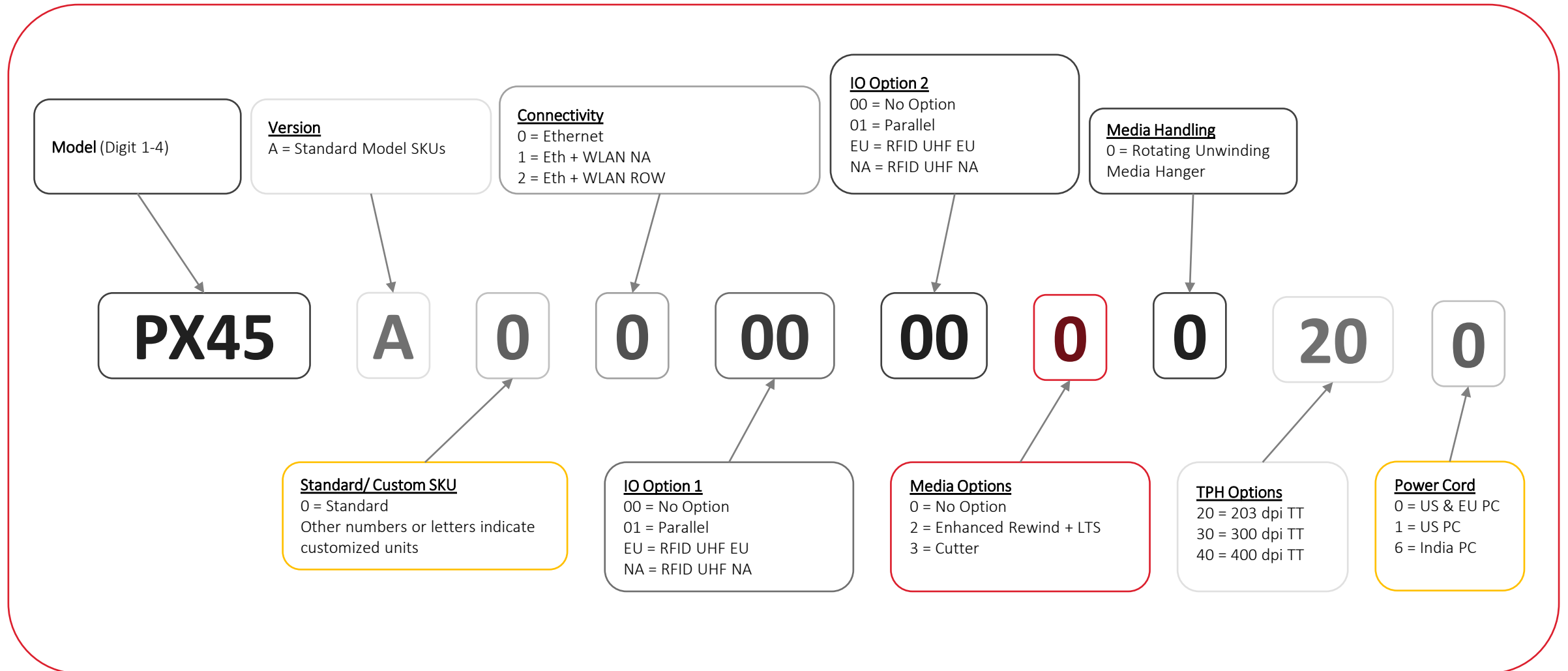
DESCRIPTION	PX45/PX65	PX4E/PX6E
Spec Overview		
Dimension (mm) L x H x W	PX45: 482 x 238 x 275	PX4E: 482 x 238 x 275
	PX65: 482 x 238 x 335	PX6E: 482 x 238 x 335
Print Technology	DT, TT	DT, TT
Resolution (dpi)	203, 300, 406 (PX45 only)	203, 300, 406 (PX4E only)
Speed Up to (ips)	PX45:12 @ 203 dpi PX65: 9 @ 203 dpi	PX4E:12 @ 203 dpi PX6E: 9 @ 203 dpi
Registration	+/-0.75 mm	+/-0.75 mm
Max. Print Width	PX45: 112mm (4.4") for DT, 110mm (4.3") for TT PX65: 167.4 mm (6.59")	PX4E: 112mm (4.4") for DT, 110mm (4.3") for TT PX6E: 167.4 mm (6.59")
Memory (RAM/flash)	256 MB/512 MB	128 MB/256 MB
Communication Standard	Ethernet: 10/100 Mbps RS-232: up to 115.2 KB/s USB 2.0	Ethernet: 10/100 Mbps RS-232: up to 115.2 KB/s USB 2.0
Communication Optional	WLAN: IEEE 802.11 a/b/g/n/ac Parallel: IEEE 1284 Industrial Interface Card Dual Serial Ports Card Applicator Interface	WLAN: IEEE 802.11 a/b/g/n/ac Parallel: IEEE 1284 Industrial Interface Card Dual Serial Ports Card Applicator Interface
Printer Management	Op-Intel, SOTI Connect	Op-Intel, SOTI Connect

Summary on PX45/65 Upgrades:

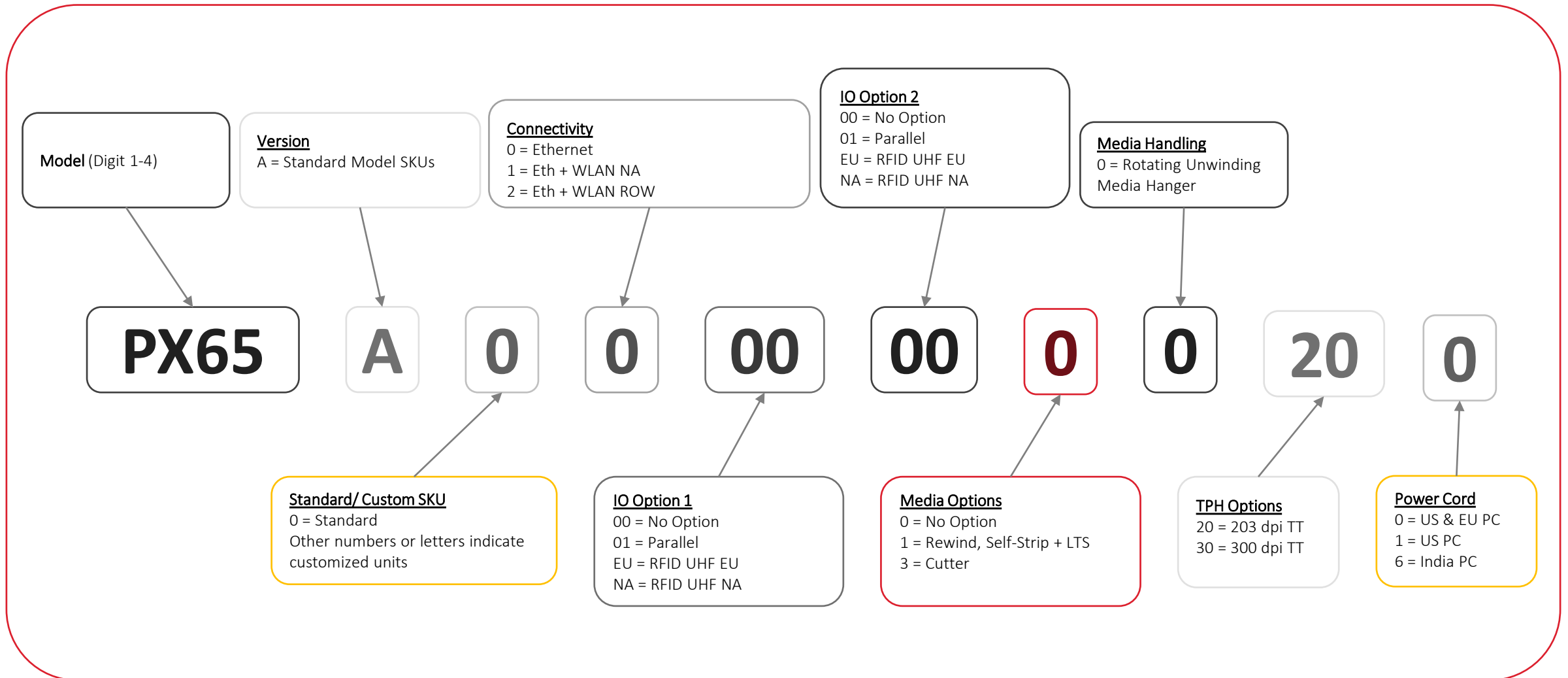
- Honeywell Branded Logo/ID
- Faster CPU
- Higher memory RAM/Flash: 256/512MB vs 128/256MB
- Improved time to First Label by:
 - DPL:16.7%
 - ZSIM2:25.5%
 - FP:18.9%
 - IPL:42.5%
 - PDF:60.2%

LAUNCH AND SELLING

PX45 SKU CONFIGURATION STRUCTURE



PX65 SKU CONFIGURATION STRUCTURE



PX4E TO NEW PX45 SKUs

PX45 SKU	Description	PX4E SKU	Description
PX45A00000000200	PX45A, Ethernet, TT 203 DPI, US & EU Power Cord	PX4E010000000120	PX4E, Eth, RTC, TT, 203dpi
PX45A00000000206	PX45A, Ethernet, TT 203 DPI, India Power Cord	NA	
PX45A00000000300	PX45A, Ethernet, TT 300 DPI, US & EU Power Cord	PX4E010000000130	PX4E, Eth, RTC, TT, 300dpi
PX45A00000000306	PX45A, Ethernet, TT 300 DPI, India Power Cord	NA	
PX45A00000000400	PX45A, Ethernet, TT 406 DPI, US & EU Power Cord	PX4E010000000140	PX4E, Eth, RTC, TT, 406dpi
PX45A00000030300	PX45A, Ethernet, Cutter, TT 300 DPI, US & EU Power Cord	PX4E010000003130	PX4E,Eth,CUT,RTC,TT,300dpi
PX45A00000020200	PX45A, Ethernet, Rewinder + label taken sense,TT 203 DPI, US & EU Power Cord	PX4E010000005120	PX4E, Eth, LTS+S, RTC, TT, 203dpi
PX45A00000020206	PX45A, Ethernet, Rewinder + label taken sense,TT 203 DPI, India Power Cord	NA	
PX45A00000020300	PX45A, Ethernet, Rewinder + label taken sense,TT 300 DPI, US & EU Power Cord	PX4E010000005130	PX4E, Eth, LTS+S, RTC, TT, 300dpi
PX45A00000020400	PX45A, Ethernet, Rewinder + label taken sense,TT 406 DPI, US & EU Power Cord	PX4E010000005140	PX4E, Eth, LTS+S, RTC, TT, 406dpi
PX45A01000000201	PX45A, Ethernet, Wifi NA,TT 203 DPI, US Power Cord	PX4E020000000120	PX4E, Eth, WIFI NA, RTC, TT, 203dpi
PX45A01000000401	PX45A, Ethernet, Wifi NA,TT 406 DPI, US Power Cord	PX4E020000000140	PX4E, Eth, WIFI NA, RTC, TT, 406dpi
PX45A01000020201	PX45A, Ethernet, Wifi NA,Rewinder + label taken sense,TT 203 DPI, US Power Cord	PX4E020000005120	PX4E, Eth, WIFI NA, LTS+S, RTC, TT, 203dpi
PX45A02000000200	PX45A, Ethernet, Wifi rest of world, TT 203 DPI, US & EU Power Cord	PX4E030000000120	PX4E, Eth, WIFI ROW, RTC, TT, 203dpi
PX45A02000020200	PX45A, Ethernet, Wifi rest of world,Rewinder + label taken sense,TT 203 DPI, US & EU Power Cord	PX4E030000005120	PX4E, Eth, WIFI ROW, LTS+S, RTC, TT, 203dpi
PX45A00EU0000200	PX45A, Ethernet, UHF RFID EU,TT 203 DPI, US & EU Power Cord	PX4E010200000120	PX4E, Eth, UHF RFID EU, RTC, TT, 203dpi
PX45A00NA0000201	PX45A, Ethernet, UHF RFID NA,TT 203 DPI, US Power Cord	PX4E011400000120	PX4E, Eth, UHF RFID US, RTC, TT, 203dpi
PX45A00010000200	PX45A, Ethernet, Parallel Interface,TT 203 DPI, US & EU Power Cord	PX4E011000000120	PX4E, Eth, PI, RTC, TT, 203dpi
PX45A00010000400	PX45A, Ethernet, Parallel Interface,TT 406 DPI, US & EU Power Cord	PX4E011000000140	PX4E, Eth, PI, RTC, TT, 400dpi
PX45A00010020200	PX45A, Ethernet, Parallel Interface,Rewinder + label taken sense,TT 203 DPI, US & EU Power Cord	PX4E011000005120	PX4E, Eth, PI, LTS+S, RTC, TT, 203dpi
PX45A00010020400	PX45A, Ethernet, Parallel Interface,Rewinder + label taken sense,TT 406 DPI, US & EU Power Cord	PX4E011000005140	PX4E, Eth, PI, LTS+S, RTC, TT, 400dpi
PX45A02000030200	PX45A, Ethernet, Wifi rest of world, Cutter, TT 203 DPI, US & EU Power Cord	PX4E030000003120	PX4E,Eth,WIFI ROW,CUT,RTC,TT,203dpi

For custom SKU please contact your Honeywell representative.

PX6E TO NEW PX65 SKUs

PX45/PX65 SKU	Description	PX6E SKU	Description
PX65A00000000200	PX65A, Ethernet, TT 203 DPI, US & EU Power Cord	PX6E010000000120	PX6E, Eth, RTC, TT, 203dpi
PX65A00000000206	PX65A, Ethernet, TT 203 DPI, India Power Cord	NA	
PX65A00000000300	PX65A, Ethernet, TT 300 DPI, US & EU Power Cord	PX6E010000000130	PX6E, Eth, RTC, TT, 300dpi
PX65A00000010200	PX65A, Ethernet, Rewinder + label taken sense,TT 203 DPI, US & EU Power Cord	PX6E010000001120	PX6E, Eth, LTS+S,RTC,TT,203dpi
PX65A00000010206	PX65A, Ethernet, Rewinder + label taken sense,TT 203 DPI, India Power Cord	NA	
PX65A00000010300	PX65A, Ethernet, Rewinder + label taken sense,TT 300 DPI, US & EU Power Cord	PX6E010000001130	PX6E, Eth, LTS+S,RTC,TT,300dpi
PX65A00000030200	PX65A, Ethernet, Cutter, TT 203 DPI, US & EU Power Cord	PX6E010000003120	PX6E, Eth, CUT, RTC, TT, 203dpi
PX65A00000030300	PX65A, Ethernet, Cutter, TT 300 DPI, US & EU Power Cord	PX6E010000003130	PX6E, Eth, CUT, RTC, TT, 300dpi
PX65A00000030306	PX65A, Ethernet, Cutter, TT 300 DPI, India Power Cord	NA	
PX65A01000000201	PX65A, Ethernet, Wifi NA,TT 203 DPI, US Power Cord	PX6E020000000120	PX6E, Eth, WIFI NA, RTC, TT, 203dpi
PX65A01000010201	PX65A, Ethernet, Wifi NA,Rewinder + label taken sense,TT 203 DPI, US Power Cord	PX6E020000001120	PX6E, Eth, WIFI NA, LTS+S,RTC,TT,203dpi
PX65A02000000200	PX65A, Ethernet, Wifi rest of world,TT 203 DPI, US & EU Power Cord	PX6E030000000120	PX6E, Eth, WIFI ROW, RTC, TT, 203dpi
PX65A02000000300	PX65A, Ethernet, Wifi rest of world,TT 300 DPI, US & EU Power Cord	PX6E030000000130	PX6E, Eth, WIFI ROW, RTC, TT, 300dpi
PX65A02000010200	PX65A, Ethernet, Wifi rest of world,Rewinder + label taken sense,TT 203 DPI, US & EU Power Cord	PX6E030000001120	PX6E, Eth, WIFI ROW, LTS+S, RTC, TT, 203dpi
PX65A02000010300	PX65A, Ethernet, Wifi rest of world,Rewinder + label taken sense,TT 300 DPI, US & EU Power Cord	PX6E030000001130	PX6E,Eth,WIFI ROW,LTS, RTC, TT, 300dpi
PX65A00EU0000200	PX65A, Ethernet, UHF RFID EU,TT 203 DPI, US & EU Power Cord	PX6E010200000120	PX6E, Eth, UHF RFID EU, RTC, TT, 203dpi
PX65A00EU0000300	PX65A, Ethernet, UHF RFID EU,TT 300 DPI, US & EU Power Cord	PX6E010200000130	PX6E,Eth,UHF RFID EU,RTC,TT,300dpi
PX65A00NA0000201	PX65A, Ethernet, UHF RFID NA,TT 203 DPI, US Power Cord	PX6E011400000120	PX6E, Eth, UHF RFID US, RTC, TT, 203dpi
PX65A00010000200	PX65A, Ethernet, Parallel Interface,TT 203 DPI, US & EU Power Cord	PX6E011000000120	PX6E, Eth, PI, RTC, TT, 203dpi
PX65A00010000300	PX65A, Ethernet, Parallel Interface,TT 300 DPI, US & EU Power Cord	PX6E011000000130	PX6E, Eth, PI, RTC, TT, 300dpi

For custom SKU please contact your Honeywell representative.

PX45 AND PX65 ACCESSOIRES LIST

Item	Category	SKU	Description	Compatible with PX4/6E
1	Printhead	1-040082-900	KIT, PRINthead 203DPI, PX4i+PX4E+PX45	Yes
2		1-040083-900	KIT, PRINthead 300DPI, PX4i+PX4E+PX45	Yes
3		850-812-900	KIT, PRINthead 406DPI, PX4i+PX4E+PX45	Yes
4		1-040084-900	KIT, PRINthead 203DPI, PX6i+PX6E+PX65	Yes
5		1-040085-900	KIT, PRINthead 300DPI, PX6i+PX6E+PX65	Yes
6	Wi-Fi Card	50147002-001	KIT Wireless LAN (North America)	Yes
7		50147002-002	KIT Wireless LAN (Rest Of World)	Yes
8	Media Options	1-040230-93	Kit, Platen Roller, PX4i+PX4E+PX45	Yes
9	Interfaces	50147017-001	KIT, IEEE 1284 Interface	Yes
10		50147001-001	KIT, applicator interface	Yes
11		50147019-001	KIT, UART+IND Interface RS232	Yes
12	Cutter	1-041574-900	Cutter Kit, PX4i+PX4E+PX45	Yes
13		1-041584-900	Cutter Kit, PX6i+PX6E+PX65	Yes
14	Cables	321-576-004	USB Cable	Yes
15		1-974024-018	Serial Cable	Yes
16		1-94022-018	Parallel Cable	Yes
17		1-974028-025	US power cord	Yes
18		1-974027-025	EU power cord	Yes
19		1-974029-020	UK power cord	Yes
20		1-974030-025	AU power cord	Yes
21		321-471-002	AUS power cord	Yes
22		32-2497-01	China power cord	Yes
23		321-502-002	India power cord	Yes
24		321-471-002	Italy power cord	Yes
25		321-501-002	Denmark power cord	Yes
26	Cleaning Card	1-110501-00	Cleaning Card, 4.5"x6", box of 25	Yes
27		1-110601-00	Cleaning Card, 6.5"x6", box of 25	Yes

THANK YOU

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