

PT330/PT331 Specifications

OKI



Fast, versatile and highly compact thermal Point of Sale printers

Perfect for demanding environments

Built with optimum driver and firmware technology together with a high speed paper feed mechanism, the PT330/331 are one of the fastest point of sale printers in their class. At over 33% faster than their closest competitor and with an extremely short time to first print of just 1.95 seconds, the PT330/331 are ideal for busy and time critical, customer focused environments such as retail and hospitality.

Compact and versatile

The PT330 is 13% smaller than its closest competitors and the PT331 has its own built-in power supply. Both models have a recess on the side of the case to neatly store interface connectors. Not only are they designed with a small foot print, the PT330/331 are also extremely versatile and can be placed either horizontally or vertically and can even be wall mounted, making them a highly adaptable solution for businesses where space is at a premium.

Flexible Point of Sale printing

Despite their compact size, the PT330/331 can print on a variety of media types and sizes, including the standard industry paper capacity of 83mm diameter, with a paper width of either 80mm or 58mm.

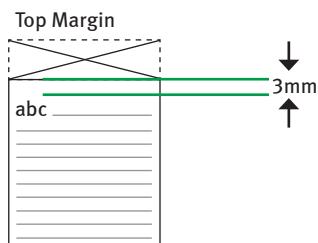
Furthermore, you are no longer restricted to a single font. The PT330/331 have a choice of 3 fonts and support both 203dpi (standard) and 180dpi (in extension mode). They also support nine types of 1-dimension barcodes, and 2-dimension QR codes and have a storage capacity of up to 576KB, so you can store a number of different graphics or logos within the unit.

These additional features come as standard with the PT330/331, providing you with the ability to print the point of sale applications required for your business from receipts through to coupons and tickets with graphics and bar-codes.

Save paper and money

With the PT330/331, you can now cut the amount of paper used for printing resulting in a reduction in costs as well as your carbon footprint. This can be achieved in two ways. Firstly, by reducing the top section of a receipt that is usually left blank by back-feeding the paper after each receipt is printed. This can save paper usage by approximately 5.7% based on printing receipts of 150mm lengths, or 3.5% based on printing receipts of 250mm lengths*.

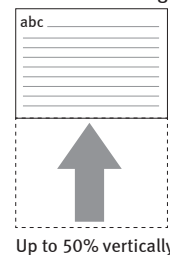
*Based on 75µm thickness, 80mm diameter roll paper.



Alternatively paper usage can be reduced through the use of a Windows driver which includes a feature to shrink the vertical print size, slashing receipt lengths by up to 50% without loss of printed information. This feature can result in up to 50% in paper cost reduction, depending on the size of receipt printed*.

*Feature available only in 203dpi mode.

Reduced Printing



Key highlights

- Robust and reliable – to withstand extreme environments
- PT331 model has a built-in power supply
- Auto cutter (partial-cut) – to enable clean removal of printed receipts
- RS232C + USB or LAN connectivity models
- Draw kicker driver (DKD) x 2 cash drawers
- Buzzer “beep” function for print complete notification
- Splash-proof cover (optional) – for protection
- Wall-mount bracket (optional) – for flexibility



PT330/PT331 - Direct thermal POS printers

PRINTER	
Print method	Direct Line Thermal Recording
Print resolution	Up to 203dpi (8 dot/mm)
Column and Font size (Normal mode 203dpi)	58mm paper width (Body face): Font A 12 x 24 (32 or 35 columns), Font B 10 x 24 (38 or 42 columns) or 9 x 24 (42 or 46 columns), Font C 8 x 16 (48 or 52 columns); 58mm paper width (Letter face): Font A 11 x 22 (32 or 35 columns), Font B 9 x 17 (38 or 42 columns) or 9 x 17 (42 or 46 columns), Font C 8 x 13 (48 or 52 columns); 80mm paper width (Body face): Font A 12 x 24 (42 or 48 columns), Font B 10 x 24 (51 or 57 columns) or 9 x 24 (56 or 64 columns), Font C 8 x 16 (64 or 72 columns); 80mm paper width (Letter face): Font A 11 x 22 (42 or 48 columns), Font B 9 x 17 (51 or 57 columns) or 9 x 17 (56 or 64 columns), Font C 8 x 13 (64 or 72 columns)
Column and Font size (Extended mode 180dpi)	58mm paper width (Body face): Font A 12 x 24 (32 or 35 columns), Font B 10 x 24 (38 or 42 columns) or 9 x 24 (42 or 46 columns); 58mm paper width (Letter face): Font A 12 x 24 (32 or 35 columns), Font B 9 x 22 (38 or 42 columns) or 9 x 22 (42 or 46 columns); 80mm paper width (Body face): Font A 12 x 24 (42 or 48 columns), Font B 10 x 24 (51 or 57 columns) or 9 x 24 (56 or 64 columns); 80mm paper width (Letter face): Font A 12 x 24 (42 or 48 columns), Font B 9 x 22 (51 or 57 columns) or 9 x 22 (56 or 64 columns)
Print speed	Up to 180mm/second

INTERFACE AND SOFTWARE	
Connectivity	RS232C (D-SUB 25-pins) + USB2.0 Full speed (Type-B x 1 port) or 10 BASE-T/100BASE-TX (RJ-45 x 1 port)
Emulations	ESC/POS
Drawer kick-out driver (DKD)	2 x cash drawers
Character set	ANK (95 char.), International Character (48 char.), Enlarged Graphics (128 char. X 20 pages), Download Character (95 char.)
Barcode fonts	One dimension: UPC-A, UPC-E, JAN13 (EAN), JAN8(EAN), CODE39, ITF, CODABAR(NW-7), CODE93, CODE128; Second dimension: QR code
Printer driver ¹	Windows Embedded for Point of Service / 2000 / Server 2003 / Server 2008 / XP / Vista / 7 / Server 2008 R2; OPOS (V1.13); JavaPOS (V1.10) for Windows
Utilities	Printer utility (Software to set the printers set-up items), LAN utility (Quick Setup, PR-PortManager (Pop-up Status Monitor), AdminManager (Printer Status Monitor, System Monitor, IP Address Setup))

PAPER HANDLING	
Line feed	3.75mm (Standard), Programmable 0 to 900mm
Paper thickness	65µm (0.065mm) to 85µm (0.085mm)
Paper roll dimension	Up to 83mm diameter
Paper width	58mm: 48mm (384 dots) or 52.5mm (420 dots); 80mm: 64mm (512 dots) or 72mm (576 dots)
Cutter method	Partial-cut
Cutter positions	12mm (Standard) or Programmable 3mm distance between cutter and top of form
Paper output	Top
Paper sensors	Paper near end and Paper end
Internal buzzer	Available to notice errors and printer status

GENERAL FEATURES	
Memory	Receive buffer: 4Kbytes; Logo store: 576Kbytes
Power supply	PT330: 24VDC, +/- 10%; PT331: 100-240VAC, 50/60Hz
Power consumption	Operating: 150W or less (maximum), 38W or less (average); Standby: 3W or less (RS232C + USB), 4.5W or less (10 BASE-T/100BASE-TX)
Environment	Operating temperature / humidity: 0°C to 40°C / 10% to 95% RH Storage temperature / humidity: -20°C to 60°C / 5% to 95% RH (without condensation)
Dimensions (HxWxD)	PT330: 120 x 144 x 184mm; PT331: 165 x 144 x 184mm
Weight	PT330: 1.2kg; PT331: 1.7kg
Reliability	Printer: 60 million lines(MCBF); Printhead: 100km; Cutter: 1.5 million cuts (Partial-cut)
Installation method ²	Horizontal or Vertical standing; Vertical wall mounted (using optional wall hanging bracket)
Peripheral Drive Circuit	1 port, 2 circuits, Max.1A
Safety and EMC Standard	CSAUS/CSAC, TUV, GS, CE mark, FCC class A, EN55022 class A, Argentina S-Mark (PT331)
ESD resistance	Direct application Contact discharge: 0 to 6kV; Direct application Air discharge: 0 to 8kV; Indirect discharge: 0 to 6
Warranty	1 year
Product order numbers	PT330: RS232C + USB: 44925603; 10 BASE-T/100BASE-TX: 44925604 PT331: RS232C + USB: 44925607; 10 BASE-T/100BASE-TX: 44925608

ACCESSORIES (ORDER NUMBERS)	
Splash-proof cover	44950501
Wall hanging bracket	44950401

¹JavaPOS Driver supports RS232C Interface and USB Interface; ²When using printer vertically, connectors of AC cable and Interface cable should be under the printer case. (The connector of AC Cable should be “Angled” shape).

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