

KIOSK PRINTER

PPU-700 II , PHU-331/332

The PPU-700II is the most modular, flexible kiosk mechanism for paper width, interfaces, firmware settings and mechanical orientation. Small, lightweight and fast, the PPU-700II uses large paper rolls and auto-paper loading to make changing rolls faster and easier.

SPEED

150

mm/sec.

MAX

High speed (150mm/sec) printing

High-speed (150mm/sec), low-noise printing

Retractor and presenter

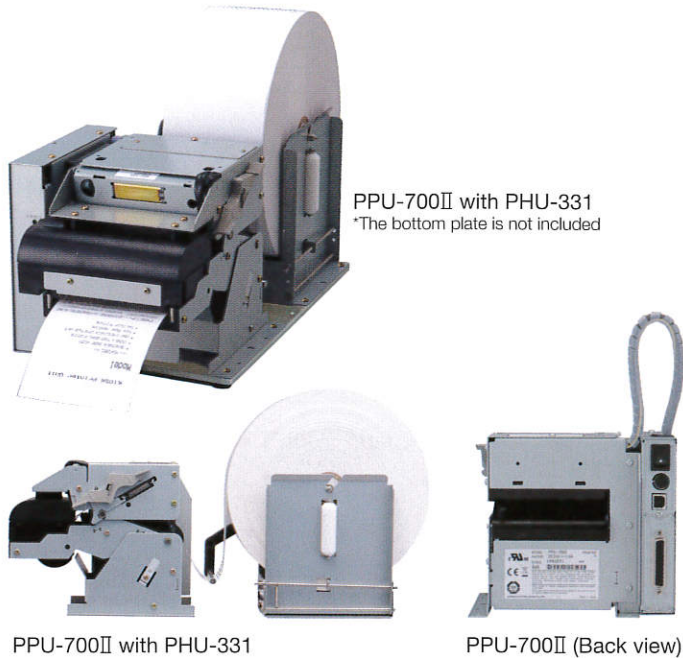
Retractor withdraws the paper that have not been collected

Low temperature

-10°C

Durability

Operates even under extreme temperatures (-10°C to 50°C)



Paper Roll

58

mm

Paper Roll

67

mm

Paper Roll

80

mm

Paper Roll

82.5

mm

Receipt

Ticket

Kitchen

Kiosk

Barcode printing

2D QR-code PDF417 printing

2 color printing

Label printing

Black mark

→ P7-8

SPEED

150

mm/sec.

MAX

STATUS BUZZER

2 COLOR PRINTING

Driver

Win 7

CUPS

Interface

Serial

Parallel

USB

Ethernet

→ P42

*Optional accessory

Optional Accessories

Paper holder unit

PHU-331/PHU-332

(Paper insert from the side or the top is available)

203mm paper diameter is available

Interface board

Serial (TA66832)

Parallel (TB66811)

Ethernet (950053)

AC adaptor

AC adaptor 36AD2 (TA69904)

Customization / Utility

• Printer customization

→ P43-44

Features

Easy paper loading

Just drop paper in

- Selectable paper widths of 58, 67, 80 and 82.5mm
- 150mm/sec. print speed
- Retractor and presenter
- Installable interface boards
- USB interface standard on all units (USB + Serial or Parallel, USB only or optional Ethernet)
- Paper auto loading
- Page Mode
- Black mark sensor option
- Large paper roll holder available (Option)
- Two-color thermal printing
- Barcode and 2D Barcode printing

USB interface standard

USB interface is standard on all units (USB + Serial, USB + Parallel, USB + Ethernet* or USB only)
*Optional accessory

Installation Images

Specifications

| PPU-700II/PHU-331/332 | | | | | |
|--|---|--|----------------|-------------------|--------------|
| Printing method | Line thermal dot printing method | | | | |
| Print width | 80mm/640 dots | | | | |
| Dot density | 8 x 8 dots/mm (203 dpi) | | | | |
| Print speed | 150mm/sec. (fastest, print density level 2), 1200 dot-lines/sec. | | | | |
| Number of print columns, character size, dot configuration | Number of print columns | | Character size | Dot configuration | |
| | Font A | | 48 columns | 1.50 x 3.00mm | 12 x 24 dots |
| | Font B | | 64 columns | 1.13 x 2.13mm | 9 x 17 dots |
| | Font C | | 72 columns | 1.00 x 2.00mm | 8 x 16 dots |
| Character type | Alphanumeric, international, PC850/852/857/858/860/863/865/866, WPC1252, katakana | | | | |
| User memory | 256 KB (capable of storing user-defined characters and logos) | | | | |
| Bar code types | UPC/A/E, JAN (EAN) 13/8 columns, ITF, CODE39, CODE128, CODEBAR, CODE93, QR Code, PDF417 | | | | |
| Line spacing | 4.23mm (1/6 inch) (changeable using commands) | | | | |
| Paper roll | Width: 58mm to 82.5mm | | | | |
| | External diameter: maximum φ203mm (When using PHU-331/332) | | | | |
| | Core: Internal diameter: φ25.4mm, Outer diameter: φ30mm or more | | | | |
| | Paper thickness: 65 to 150μm | | | | |
| Presenter | Standard length: 90mm | | | | |
| Interface | Serial (RS-232C compliant), Parallel (IEEE 1284 compliant), USB | | | | |
| Buffer size | 4 k bytes/72 bytes | | | | |
| Supply voltage | DC 24V±7% | | | | |
| Power consumption | Approx. 100W | | | | |
| AC adapter *1 | Rate input: AC 100 to 240 V, 50/60 Hz, 150 VA Rate output: DC 24 V, 2 A | | | | |
| Weight (approx.) | PPU-700II: 2.1 kg, PHU-331/332: 0.95 kg (Paper roll excluded) | | | | |
| Outside dimensions | PPU-700II: 163.2 (W) x 176 (D) x 144 (H)mm, PHU-331/332: 113.2 to 137.7 (W) x 122.6 (D) x 137.2 (H)mm | | | | |
| Operating temperature and humidity | -10 to 50°C, 35 to 85% RH (no condensation) | | | | |
| Storage temperature and humidity | -20 to 60°C, 10 to 90% RH (no condensation) | | | | |
| Reliability | Print head life: 150 km, 100 million pulses *2 Auto cutter life: 1 million cuts *3 | | | | |
| Safety standard *4 | UL, C-UL, FCC Class A, TUV, GS, CE-Marking | | | | |

*1: Citizen Systems AC adapter (36AD2) is used.
*2: At normal temperature/humidity, using recommended paper and paper thickness.
*3: At normal temperature/humidity, using recommended paper and paper thickness of 65μm.
*4: Compliant if the Citizen Systems AC adapter (36AD2) is used.

Model classification

PPU - 700II RS U M1

1) Interface
RS: Serial (RS-232C) + USB
PA: Parallel (IEEE1284) + USB
UB: USB only

2) Market
U: International

3) Black mark sensor position (Option)
None: No sensor (Standard type)
M1: Rear left
M2: Rear right (Head up lever side)
M3: Left of printer surface

PHU - 3 3 1 S

1) Paper shaft length
3) Paper width 58 to 82.5mm (Standard)
2) Paper width 58 mm

2) Number of PNE sensor
1: 1 sensor (Standard)
2: 2 sensors

3) Paper insert direction
S: Side (Standard)
T: Top

Line Thermal Printers (KIOSK)

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