POSIFLEX

Self-Service

Customer Engagement



# Stellar TK-2100 Series

21.5” Modular Kiosk

# HIGHLIGHTS

- 21.5” true-flat PCAP touch screen
- Flexible configurations: floor-standing, countertop
- Expandable pedestal for extra functionalities:

  bill acceptance, card dispensing, ticketing and

  pager dispensing
- Modular design for easy serviceability
- Reversible printing direction
- Ideally for self-service applications in retail, food-service,

  hospitality, healthcare, ticketing





Windows/Android



NFC/RFID reader



2D scanner



Fingerprint sensor



Status Indicator



EMV Supportive*

# Versatile Functionality

PT-200BC



Floor-standing
with Card Dispenser & Bill Acceptor

PT-300



Floor-standing
with Ticket Printer




Countertop

PT-200



Floor-standing

PT-500



Floor-standing
with Pager Dispenser

# PRODUCT SHOWCASE / Stellar TK-2100 Series with Pedestal PT-200



# PRODUCT SHOWCASE / Stellar TK-2100 Series with Pedestal PT-200BC



# PRODUCT SHOWCASE / Stellar TK-2100 Series with Pedestal PT-300



# PRODUCT SHOWCASE / Stellar TK-2100 Series with Pedestal PT-500



| Specifications | | TK-2111 | TK-2131 | TK-2132 | TK-2151 | TK-2152 |
|---|---|---|---|---|---|---|
| Computer | Processor | Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz | Intel Bay Trail J1900 Quad Core, up to 2.42 GHz, 2M Cache | Intel Elkhart Lake Celeron J6412, up to 2.60 GHz, 1.5M Cache | Intel KabyLake-U Core i3-7100U, 2.40 GHz, 3M Cache; Intel KabyLake-U Core i5-7300U, up to 3.50 GHz, 3M Cache | Intel Tiger Lake Core i3-1115G4E, up to 3.90 GHz, 6M Cache; Intel Tiger Lake Core i5-1145G7E, up to 4.10 GHz, 8M Cache; |
| | System Memory | DDR4 4 GB | DDR3L SO-DIMM slot x 1, max 8 GB | DDR4 SO-DIMM x 1, max 8 GB | DDR4 SO-DIMM slot x 1, max 16 GB | |
| | Storage Device | 32 GB eMMC + microSD slot x 1 | M.2 SSD [SATA Signal Only] x 1 | | | |
| | Intel vPro Support | N/A | N/A | | Core i3: N/A, Core i5: Optional | Yes, with Core i5 |
| | TPM Support | N/A | Optional | | | TPM 2.0 |
| | Power Supply | 12V/60W x1 + 24V/60W x1 | | | | |
| | OS Support | Android 9.0*/Android 10.0 with GMS | Windows 7/POSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT | Windows 10 IoT 64 bit | | |
| | Serial Port | 2, RJ50 x 2, 5V/12V support on all COM ports | 6, DB9 x 1 + RJ50 x 5, 5V/12V support on all COM ports | | | |
| | Standard USB Port | 6, USB 3.0 x 1 + USB 2.0 x 5 | 8, USB 3.0 x 1 + USB 2.0 x 7 | 8, USB 3.0 x 2 + USB 2.0 x 6 | | 8, USB 3.0 x 4 + USB 2.0 x 4 |
| | OTG USB | Micro-USB x 1 | N/A | | | |
| | Display Port | HDMI x 1 | HDMI x 1 | | | |
| | LAN Port | 10/100 Mb x 1, 10/100/1000 Mb x 1 | 10/100/1000 Mb x 2 | | | |
| | Audio | Internal 3W speaker x 2 | Internal 3W speaker x 2 | | | |
| | Internal Expansion Slot | N/A | M.2 x 1 | | | |
| Display & Touch | LCD | 21.5" | | | | |
| | Resolution | 1920 x 1080 | | | | |
| | Touch | True-flat PCAP touch with multi-touch support | | | | |
| Physical Dimension | Dimension (W x D x H in mm) | Countertop version: 400 x 460 x 832 ;Floorstanding version: 625 x 610 x 1620 | | | | |
| | Weight (N. W. in kg) | Countertop version: 27.5; Floorstanding version: 60 | | | | |
| Environmental | Operating Condition | 0°C - 40°C, 20%RH - 90%RH | | | | |
| | Storage Condition | -20°C - 70°C, 10%RH - 90%RH | | | | |
| Standard Components | Status Indicator | RGB Color LED Indicator | | | | |
| | Proximity Sensor | Range from 45cm ~ 80cm (for dark color objectives); Range from 45cm ~ 150cm (for light color objectives) | | | | |
| | Camera | 1MP wide angle camera | | | | |
| | Printer | 3" thermal printer w/auto cutter, 200 mm/sec (max.) | | | | |
| Optional Components | WiFi | USB dongle (cannot coexist with 4G/LTE) | M.2 WiFi/BT module (cannot coexist with 4G/LTE) | | | |
| | Scanner | 2D barcode scanner | | | | |
| | EMV Payment Device Bracket Support* | Custom bracket support for various EMV payment devices | | | | |
| | MSR | 3 tracks ISO or JISII (HID/VCOM selection) | | | | |
| | Fingerprint Sensor | Optical type | | | | |
| | NFC/RFID Reader | Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO/IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092) | | | | |
| | **Optional Items for Pedestal PT-200BC** | | | | | |
| | Bill Acceptor | Storing up to 900 notes | | | | |
| | Card Dispenser | Integrated RFID Reader/Writer, supporting ISO 14443 Type A/B contactless cards; Storing up to 262 cards | | | | |
| | **Optional Item for Pedestal PT-300** | | | | | |
| | Ticket Printer | Fanfolded ticket printer for ticket thickness: .004" to .011", ticket width: 2.0" to 3.25" | | | | |
| | **Default Items for Pedestal PT-500** | | | | | |
| | Pager Dispenser | Capacity | Storing up to 40 pager units | | | |
| | | Speed | 2.5 sec per pager | | | |
| | Pager/Receiver | Frequency | 430-460MHz | | | |
| | | Dimension (Diameter x H in mm) | 100 x 100 x 16.5 | | | |
| | | Weight (N. W. in g.) | 96 | | | |
| | Transmitter | Frequency | 440-460MHz | | | |
| | | Power Supply | 5V/2A adapter | | | |
| | | Dimension (W x D x H in mm) | 180 x 120 x 30 | | | |
| | | Weight (N. W. in g.) | 475 | | | |

Note: Bill Acceptor & Card Dispenser can be set in the same pedestal PT-200BC, but only the pedestal PT-300 can accommodate Ticket Printer while pedestal PT-500 can only accommodate Pager Dispenser. *Google Play services is not supported by this device.
*Designed and Manufactured in Taiwan by Posiflex Technology, Inc. *Posiflex does not sell the EMV payment devices, but can provide bracket support with an additional charge.*The product information and specifications are subject to change without prior notice.

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Certifications

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