



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



▪ Status Indicator  
▪ Camera

▪ Proximity Sensor

▪ NFC/RFID Reader

▪ MSR / Fingerprint Sensor

▪ Thermal Printer  
▪ Reserved space for  
Customized bracket for  
EMV payment devices  
▪ 2D Scanner

# 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-2132	TK-2152	
Computer	Processor	Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	Intel Elkhart Lake Celeron J6412, up to 2.60 GHz, 1.5M Cache	Intel Tiger Lake UP3 Core i3 Intel Tiger Lake UP3 Core i5 Intel Tiger Lake UP3 Core i7	
	System Memory	DDR4 4 GB	DDR4 SO-DIMM x 1, max 16 GB	DDR4 SO-DIMM slot x 1, max 32 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	Yes, depend on processor	
	TPM Support	N/A	TPM 2.0		
	Power Supply	12V/60W x1 + 24V/60W x1			
	OS Support	Android 9.0*/Android 10.0 with GMS	Windows 10 IoT LTSC / Windows 11 IoT LTSC		
	Serial Port	2, RJ45 x 2, 5V/12V support on all COM ports	3, DB9 x 1 + RJ45 x 2, 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 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 1		
	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	Dimensions [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	M.2 WiFi/BT module		
	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)			
	<b>Optional Items for Pedestal PT-200BC</b>				
	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			
	<b>Optional Item for Pedestal PT-300</b>				
Ticket Printer	Fanfolded ticket printer for ticket thickness: .004" to .011", ticket width: 2.0" to 3.25"				
<b>Default Items for Pedestal PT-500</b>					
Pager Dispenser	Capacity	Storing up to 40 pager units			
	Speed	2.5 sec per pager			
Pager/ Receiver	Frequency	430-460MHz			
	Dimensions [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			
	Dimensions [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. \*The product information and specifications are subject to change without prior notice. \*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. \*Product specifications and model configurations are subject to change and may vary by global region.

