



Seamless Integration,
Effortless Efficiency

Mercury EK-1500 / EK-1600 / EK-2100 / EK-2400 Series

15" / 15.6" / 21.5" / 23.8" Modular Kiosk



HIGHLIGHTS

- 15" or 15.6" or 21.5" or 23.8" true-flat PCAP touch screen
- Flexible configurations: floor-standing or countertop
- Modular design for easy serviceability
- A good value kiosk in entry-level category
- Popular uses: product display & advertising, ordering & payment, click & collect, ticketing & e-reservations, wayfinding & customer guidance



Windows/Android



NFC/RFID Reader



2D Scanner



Fingerprint Sensor



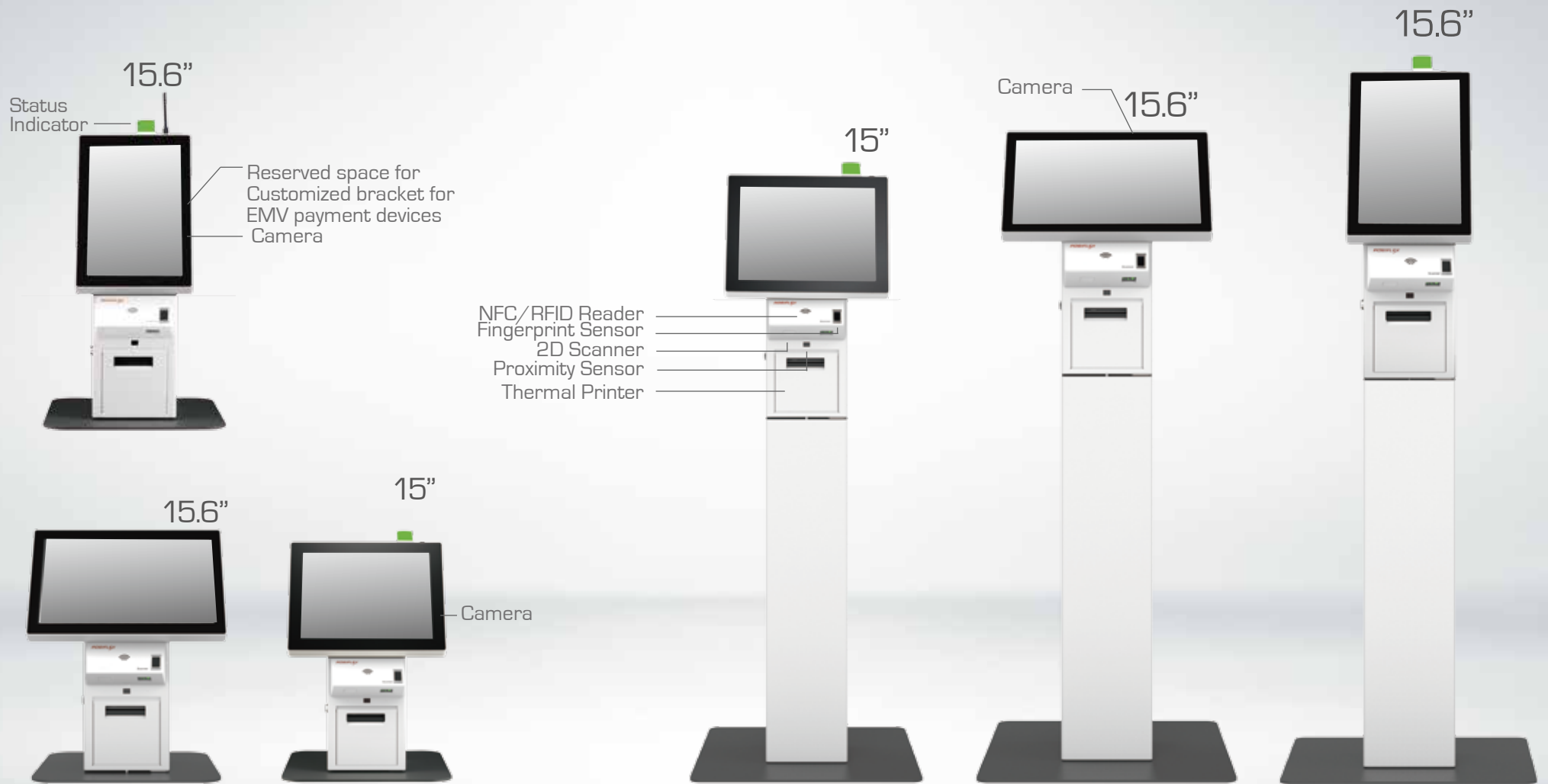
Status Indicator



EMV Supportive*



PRODUCT SHOWCASE / Mercury EK-1500 / EK-1600



COUNTERTOP

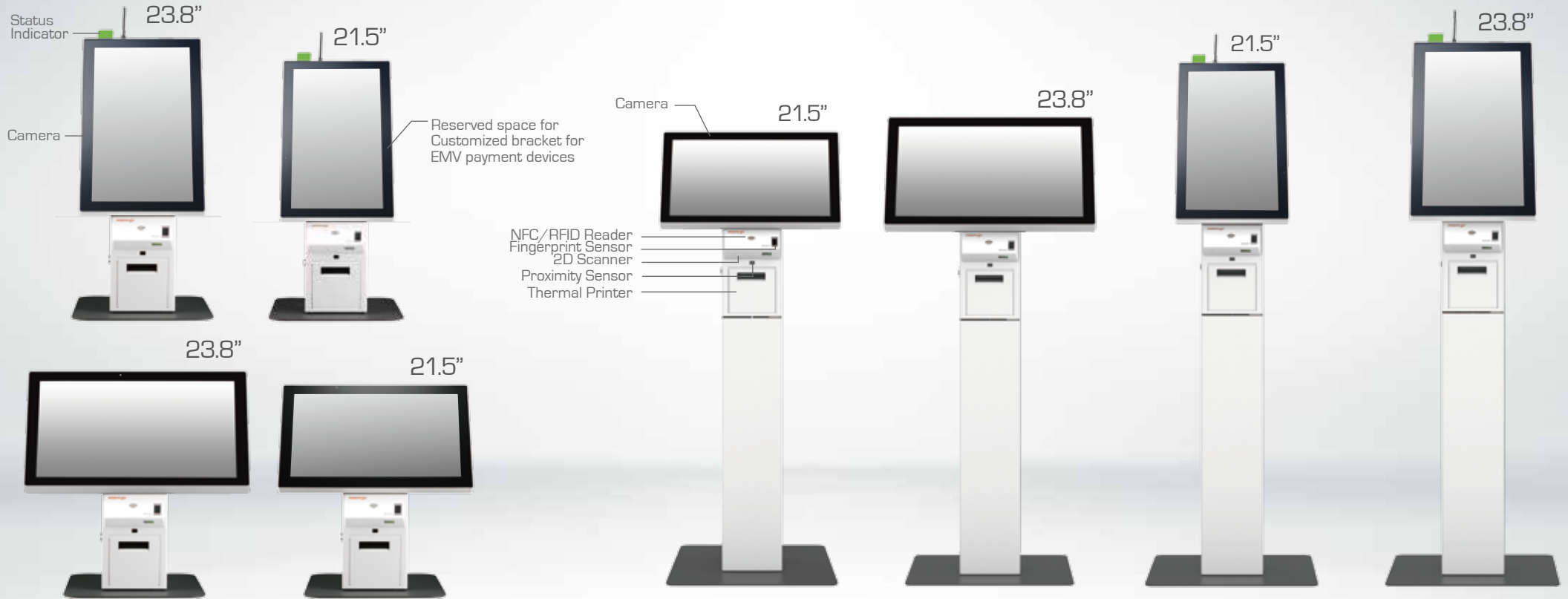
FLOOR-STANDING

Specifications		Mercury EK-1500/EK-1600 Series				
Computer		EK-1510/EK-1610	EK-1530/EK-1630	EK-1532/EK-1632	EK-1550/EK-1650	EK-1552/EK-1652
	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 slot 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		Core i3: N/A Core i5: Optional	Yes, with Core i5
	TPM Support	N/A	Optional	TPM 2.0	Optional	TPM 2.0
	Power Supply	12V/60W x 1 + 24V/60W x 1				
	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/ Windows 11 IoT GAC	Windows 10 IoT 64 bit	Windows 10 IoT/ Windows 11 IoT GAC
	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 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	15" for EK-1500 Series / 15.6" for EK-1600 Series				
	Resolution	1024 x 768 for EK-1500 Series / 1920 x 1080 for EK-1600 Series				
	Touch	True-flat PCAP touch with multi-touch support				
Physical Dimension	Dimension (W x D x H in mm)	Countertop version (Landscape): 395 x 395 x 550, Floorstanding version (Landscape): 500 x 500 x 1325 for EK-1500 Series				
		Countertop version (Portrait): 395 x 395 x 646, Floorstanding version (Portrait): 500 x 500 x 1420 Countertop version (Landscape): 395 x 395 x 513, Floorstanding version (Landscape): 500 x 500 x 1286 for EK-1600 Series				
	Weight (N. W. in kg)	Countertop version: 18.8; Floorstanding version: 31 for EK-1500 Series				
		Countertop version: 18.2; Floorstanding version: 30.4 for EK-1600 Series				
Environmental	Operating Condition	0°C - 40°C, 20%RH - 90%RH				
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH				
Standard Components	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	Status Indicator	RGB Color LED Indicator (for EK-1600 Series portrait mode only)				
	WiFi	USB dongle (cannot coexist with 4G/LTE)				
	Scanner	2D barcode scanner				
	EMV Payment Device Bracket Support*	Custom bracket support for various EMV payment devices				
	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)				
4G/LTE Communication	N/A (for EK-1500 Series); Support selected bands & countries with full SIM slot [mini-PCIe module] by request (for EK-1600 Series)					

*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.

PRODUCT SHOWCASE / Mercury EK-2100 / EK-2400 Series



COUNTERTOP

FLOOR-STANDING

Specifications

Mercury EK-2100/EK-2400 Series

	EK-2110/EK-2410	EK-2130/EK-2430	EK-2132/EK-2432	EK-2150/EK-2450	EK-2152/EK-2452	
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 slot 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		Core i3: N/A Core i5: Optional	Yes, with Core i5
	TPM Support	N/A	Optional	TPM 2.0	Optional	TPM 2.0
	Power Supply	12V/60W x 1 + 24V/60W x 1				
	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/ Windows 11 IoT GAC	Windows 10 IoT 64 bit	Windows 10 IoT/ Windows 11 IoT GAC
	Serial Port	2,RJ50 x 2, 5V/12V support on all COM ports	3, DB9 x 1 + RJ50 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 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" for EK-2100 Series / 23.8" for EK-2400 Series				
	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 (Portrait): 395 x 395 x 774, Floorstanding version (Portrait): 500 x 500 x 1546 Countertop version (Landscape): 540 x 395 x 588, Floorstanding version (Landscape): 540 x 500 x 1362 for EK-2100 Series				
		Countertop version (Portrait): 395 x 395 x 804, Floorstanding version (Portrait): 500 x 500 x 1576 Countertop version (Landscape): 540 x 395 x 596, Floorstanding version (Landscape): 540 x 500 x 1370 for EK-2400 Series				
	Weight (N. W. in kg)	Countertop version: 22.6; Floorstanding version: 34.8 for EK-2100 Series				
		Countertop version: 23.2; Floorstanding version: 35.4 for EK-2400 Series				
Environmental	Operating Condition	0°C - 40°C, 20%RH - 90%RH				
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH				
Standard Components	Proximity Sensor	Range from 45cm ~ 80cm (for dark color objectives); Range from 45cm ~ 150cm (for light color objectives)				
	Camera	1MP wide angle camera				
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Optional Components	Status Indicator	RGB Color LED Indicator (for portrait mode only)				
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	Fingerprint Sensor	Optical type				
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	4G/LTE Communication	Support selected bands & countries with full SIM slot (mini-PCIe module)				

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POSIFLEX TECHNOLOGY, INC.
No. 23, Datong St., Tucheng Dist., New Taipei City 23679, Taiwan
Tel : +886-2-2268-5577 E-mail : sales@posiflex.com.tw
Fax : +886-2-2268-5388 www.posiflex.com



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