



**OKPOS<sup>TM</sup>**

No.1 Total Solution Provider

[www.okposkorea.com](http://www.okposkorea.com)

**OKPOS**  
No.1 Total Solution Provider





**Korea No.1  
POS Vendor**

## **Total POS Solution Provider, OKPOS**

OKPOS is a leading POS company that is providing POS hardware, worldwide technical support, and unified call center services in Global Market. OKPOS has grown to be number 1 in Korea in the design and manufacture of POS terminals. These terminals have been deployed globally across multiple industries and applications including retail Point-of-Sale, health care, hospitality, kiosks and more. This successful growth is based on understanding and meeting our customer requirements so they can build successful businesses

## **New Synergy with NICE Group**

In 2015, OKPOS was acquired by Nice Group which has become the history of the Korean financial infrastructure industry, and now we are creating the synergy effect between our existing business and New Leading Business with an expansion of POS business. As part of its efforts, we advanced the business area of Card Authorization Terminal (EFT POS Terminal) in 2016 with dominating developing cutting-edge technologies of devices and solutions for the payment business





# Overview **History**

## Total POS Solution Provider

having No.1 Market share in Korea POS H/W market

OKPOS, founded in 1993 as a credit card related information technology business, had taken a leap into professional POS business from 1995 and since then has grown into a POS hardware sales and POS solution supplier with the leading brand OKPOS.

## Vision & philosophy

**Innovation** | Our continuous innovation and R&D efforts have provided us with world-class competencies.

**Customer First** | Customers come first. Their success is our success, and we value their ability to compete as we value our own.

**Globalization** | We are developing global business network and partnerships. We are pushing new boundaries and challenging new industries.

## No.1 Total Solution Provider Solution/ Service/ Total POS System

2012

- OKPOS Co., Ltd. is registered as an official corporate name
- Official sponsor in POS field at International Expo 2012 Yeosu, Korea Launched i-POS

2013

- Launched Z-POS (Upgrade model of i-POS)
- Launched K3-Printer (OK30)

2014

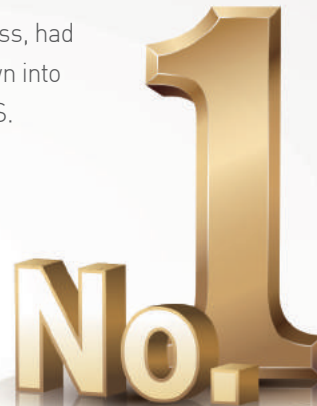
- Launched K-POS Series (K-9000)
- ODM for Sharp Corporation
- Expanded a factory in Incheon, Korea

2015

- Launched ZED-POS Series (ZED5/ZED7)
- Won a prize of the Minister of Science, ICT and Future Planning

2016

- Expanded the platform business of Card Authorization Terminal
- Acquisition of JTech C&C, manufacture of Card Authorization Terminal (EFT POS Terminal)





## Overview Sales

Achieving Compound Annual Growth Rate (CARG) about 42% since 2009  
2016 Standard : POS Hardware No.1 Market Share(43%),  
Software No.1 Market Share(21.9%) in Korea.





2016

New Model



# W-POS

At the core of Evolution, W-POS

## W-156

- Built in 3" thermal printer
- Space-saving multi-functional integrated structure
- Installed own secure IC card reader

## W-185

- 18.5" wide touch screen Wider screen brings new display and interaction opportunities
- Stylish touch panel
- Built in 3" thermal printer Space-saving
- Multi-functional integrated structure Place IC card reader in front
- Easy to access for user







Touch the world best POS system

# W-156



Much Wider Monitor



More Convenient 2nd Display

## Specifications

Item	Specification
Main	CPU
	Memory
	Storage
Primary Display	LCD
	Resolution
	Touch
	Indicator
I/O Port	Speaker
	USB
	Serial
	PS/2
	LAN
	VGA
	Audio
	DC-IN
	Power
	User Environment
	Size
Optional Peripherals	Weight
	MSR ISO
	SCR
	OS
	Storage
	2nd Display
	CDP
	Dallas
	Built-in Printer
	Cash Drawer Port

### Specification

Intel® Celeron® Baytrail J1900 CPU onboard
DDR3 SODIMM 2GB (up to 8GB, 1 slot)
2.5" SATA-II 64GB SSD
15.6-inch TFT LCD (250cd), LVDS Interface
1366 x 768 (16:9)
15.6" [Capacitive 10Point Multi Touch] USB interface
2 x LED 1 x Buzzer
1 x 1W
6 x USB (Rear: 4 x USB, Side: 2 x USB)
4 x RS-232C (3 x Powered DSUB-9, 1 x RJ-45)
COM1/4: 0/5/12V by Jumper, COM2/3: 0/5/12V by BIOS select
1 x Keyboard or Mouse
1 x Gigabit LAN port
1 x VGA port
1 ports ( 1 x Line-out)
External 60W Adapter
Input AC 100~240V/50~60Hz, Output DC 12V/5A
Operating 0°C to 60°C, Storage -20°C to 80°C
406.5(W) X 319.6(H) X 310.3(D)
9.3kg
1,2,3, Tracks Reading
EMV level 1, 2
POSReady7
SATA-II HDD 320GB
15-inch LED LCD (1024 x 768)
9.7-inch TFT LCD (1024 x 768)
10.1 inches Android Tablet
VFD (20 columns x 2 lines)
Dallas I-button Reader
3 inches Thermal Printer (24V/2.5A External)
Serial trigger





## Specifications

Item	Specification	
Main	CPU	Intel Core Cal/i3/i5 (Skylake) LGA1151 64(32)bit
	Memory	DDR4 SODIMM 2GB (up to 8GB, 1 slot)
	Storage	M.2 64GB SSD
Primary Display	LCD	18.5-inch IPS LCD Pannel (250cd), LVDS Interface
	Resolution	1366 x 768 (16:9)
	Touch	18.5" (Capacitive 10Point Multi Touch) USB interface
I/O Port	Indicator	2 x LED 1 x Buzzer
	Speaker	1 x 1W
	USB	6 x USB (Rear: 4 x USB, Side: 2 x USB)
	Serial	4 x RS-232C (3 x Powered DSUB-9, 1 x RJ-45)
		COM1/4: 0/5/12V by Jumper, COM2/3: 0/5/12V by BIOS select
	PS/2	1 x Keyboard or Mouse
	LAN	1 x Gigabit LAN port
	VGA	1 x VGA port
	Audio	1 ports ( 1 x Line-out)
	Power	DC-IN
		External 100W Adapter Input AC 100~240V/50~60Hz, Output DC 12V/8A
User Environment	Temperature	Operating 0℃ to 60℃, Storage -20℃ to 80℃
	Dimension	477.5(W) X 337(H) X 310.3(D)
	Weight	10.4Kg
Optional Peripherals	MSR	ISO 1,2,3, Tracks Reading
	SCR	EMV level 1, 2
	OS	POSReady7
	Storage	SATA-II HDD 320GB
	2nd Display	15-inch LED LCD (1024 x 768)
		9.7-inch TFT LCD (1024 x 768)
		10.1 inches Android Tablet
	CDP	VFD (20 columns x 2 lines)
	Dallas	Dallas I-button Reader
	Built-in Printer	3 inches Thermal Printer (24V/2.5A External)
	Cash Drawer Port	Serial trigger



Touch the world best POS system

# W-185



Cartridge



Card check





# Z-POS

The upgraded model of i-POS, succeeded to its stability

- Eco friendly design with no noise and low heat
- Reduced electricity power rate with 4W of ultra-low power consumption
- LCD panel with water and dust proof function
- Minimized board damage by applying separable power (AC adaptor)
- Soft curve and high-glossy exterior





## Industry's Premier POS Solution for Retailers

# Z-POS

Z-POS is an upgraded model of i-POS, which has streamlined slim yet robust as i series. If you are considering of using point-of-sale component at the outdoor shop or food section, Z-POS is highly recommended as its compact size with water and dust proof function. This is strong enough to be maximized for any environment where watery and dusty.



### Product reliability & safety

Proven product reliability and safety through EMC test, KC, CE and FCC by Authorized Testing and Certification Bodies

### Green IT

Intel Atom processor offers low power consumption. Low energy consumption can reduce unnecessary heat and expand the life span of POS components.



I/O Ports placed on the top of the panel allow you to easily install and maintain



Space for tidy cabling



VFD (20 columns x 2 lines)



Water and dust proof function on the touch panel with IP55

## Specifications

Item	Specification	
Main	CPU	Intel®Celeron®Baytrail J1900 (2M Cache, up to 2.42 GHz)
	Memory	DDR3 SODIMM 2GB (up to 8GB, 1 Slots)
	Storage	2.5" SATA-II 500GB HDD or SSD 64GB/128GB)
Primary Display	LCD	15-inch TFT LCD (250cd), W / LED Back-light, LVDS Interface
	Resolution	1024 x 768 / 1280 x 1024
	Touch	15-inch 5-wire Resistive , Serial interface
I/O Port	Speake	1 x 1W
	USB	6 x USB (Rear: 4 x USB, Side: 2 x USB)
	Serial	4 x RS-232C (3 x Powered DSUB-9, 1 x RJ-45)
	PS/2	1 x Keyboard or Mouse
	LAN	1 x Gigabit LAN
	VGA	1 x RGB
	Audio	1 port (1 x Line-out)
Power	DC-IN	External 60W Adapter Input AC 100~240V/50~60Hz, Output DC 12V/5A
User Environment	Temperature	Operating -25℃ to 65℃, Storage -35℃ to 75℃
Size	Dimension	389 x 206 x 322 mm (W x D x H)
	Weight	6.25kg
	MSR	ISO 1,2,3 Tracks Reading
Optional Peripherals	SCR	EMV Level 1, 2
	OS	POS Ready 7
	2nd Display	15-inch TFT LCD (1024 x 768), W / LED Back-light (Touch or Non-Touch) 9.7-inch TFT LCD (1024 x 768), W / LED Back-light (Touch or Non-Touch)
	CDP	VFD (20 columns x 2 lines)
	Dallas	Dallas I-button Reader
	Cash Drawer Port	Serial trigge
	CPU	Intel® Atom™ Processor D2550 (1M Cache, 1.86 GHz)





# i-POS

Compatibility with various applications  
and strong durability

- Eco friendly design with no noise and low heat
- Reduced electricity power rate with 4W of ultra-low power consumption
- All-in-one POS terminal with all necessary elements put together
- Minimized board damage by applying separable power (AC adaptor)





## Practical and Reasonable POS System

# i-POS

Compared to the previous POS systems with mono tone color and box type design, i-POS introduces its user friendly and useful design to the market. Especially i-POS, it firstly adopts the true-flat display to the POS terminal in Korea which also goes with smart device such as smart phone or tablet PC. Since its convenience, i-POS was chosen as the representative POS terminal for EXPO 2012 YEOSU KOREA and more than 200 units were successfully operated in many stores and restaurants during this period.



### Product reliability & safety

Proven product reliability and safety through EMC test, KC, CE and FCC by Authorized Testing and Certification Bodies



Processor offers low power consumption. Low power consumption can reduce unnecessary energy consumption and the life span of POS components.



I/O Ports placed on the top of the panel allow you to easily install and maintain



Space for tidy cabling



VFD (20 columns x 2 lines)



CCTV camera connection available

## Specifications

Item	Specification	
Main	CPU	Intel®Celeron®Baytrail J1900 (2M Cache, up to 2.42 GHz)
	Memory	DDR3 SODIMM 2GB (up to 8GB, 1 Slots)
	Storage	2.5" SATA-II 500GB HDD or SSD 64GB/128GB)
Primary Display	LCD	15-inch TFT LCD (250cd), W / LED Back-light, LVDS Interface
	Resolution	1024 x 768
	Touch	15-inch 5-wire Resistive , Serial interface
I/O Port	Speake	1 x 1W
	USB	6 x USB (Rear: 4 x USB, Side: 2 x USB)
	Serial	4 x RS-232C (3 x Powered DSUB-9, 1 x RJ-45)
	PS/2	1 x Keyboard or Mouse
	LAN	1 x Gigabit LAN
	VGA	1 x RGB
	Audio	1 port (1 x Line-out)
Power	DC-IN	External 60W Adapter Input AC 100~240V/50~60Hz, Output DC 12V/5A
User Environment	Temperature	Operating -25℃ to 65℃, Storage -35℃ to 75℃
Size	Dimension	389 x 205 x 322 mm (W x D x H)
	Weight	6.05kg
	MSR	ISO 1,2,3 Tracks Reading
Optional Peripherals	SCR	EMV Level 1, 2
	OS	POS Ready 7
	2nd Display	15-inch TFT LCD (1024 x 768), W / LED Back-light (Touch or Non-Touch) 9.7-inch TFT LCD (1024 x 768), W / LED Back-light (Touch or Non-Touch)
	CDP	VFD (20 columns x 2 lines)
	Dallas	Dallas I-button Reader
	Cash Drawer Port	Serial trigger
	CPU	Intel® Atom™ Processor D2550 (1M Cache, 1.86 GHz)





# ZED-POS

Always promise the best possible quality

- Dynamic performance designed to transact
- Head-turning design inspired by the refined lines and curves
- Stable stand with die-casting chassis
- 15"/17" primary display with 9.7"/15" dual monitor available





SSD default for more speedy process.



Stable stand due to a die-casting chassis



15" screen size



17" big screen size



9.7" dual monitors available as optional



15" dual monitors available as optional

## Zero Defect POS Terminal

# ZED-POS

Unlike the former version of our line-up, this component has its special name, ZED. It stands for ZERo Defects and as its name supports, ZED POS performs very powerfully. Looking at the design, it features very rigid and robust housing. It is built up with die-casting chassis and this way of designing has high accuracy with no secondary machining operations and shows the good surface finish. Therefore you can enjoy more accurate design with strong body.



### Product reliability & safety

Proven product reliability and safety through EMC test, KC, CE and FCC by Authorized Testing and Certification Bodies

### Green IT

Intel Atom processor offers low power consumption. Low energy consumption can reduce unnecessary heat and expand the life span of POS components.



## Specifications

Item	Specification	
Main	CPU	Intel® Celeron® Baytrail J1900 (2M Cache, up to 2.42 GHz)
	Memory	DDR3 SODIMM 2GB (up to 8GB, 1 Slots)
	Storage	2.5" SATA-II 500GB HDD or SSD 64GB/128GB)
Primary Display	LCD	15-inch / 17-inch TFT LCD (250cd), W / LED Back-light, LVDS Interface
	Resolution	1024 x 768 / 1280 x 1024
	Touch	15-inch / 17-inch 5-wire Resistive , Serial interface
I/O Port	Speake	1 x 1W
	USB	6 x USB (Rear: 4 x USB, Side: 2 x USB)
	Serial	4 x RS-232C (3 x Powered DSUB-9, 1 x RJ-45)
	PS/2	1 x Keyboard or Mouse
	LAN	1 x Gigabit LAN
	VGA	1 x RGB
	Audio	1 port (1 x Line-out)
Power	DC-IN	External 60W Adapter Input AC 100-240V/50-60Hz, Output DC 12V/5A
User Environment	Temperature	Operating -25℃ to 45℃, Storage -35℃ to 75℃
Size	Dimension	ZED5: 379 x 251 x 335 mm (W x D x H), ZED7: 414 x 251 x 361 mm (W x D x H)
	Weight	7.3kg / 8.4kg
	MSR	ISO 1,2,3 Tracks Reading
Optional Peripherals	SCR	EMV Level 1, 2
	OS	POS Ready 7
	2nd Display	15-inch TFT LCD (1024 x 768), W / LED Back-light (Touch or Non-Touch) 9.7-inch TFT LCD (1024 x 768), W / LED Back-light (Touch or Non-Touch)
	CDP	VFD (20 columns x 2 lines)
	Dallas	Dallas I-button Reader
	Cash Drawer Port	Serial trigge
	CPU	Intel® Atom™ Processor D2550 (1M Cache, 1.86 GHz)





# K-POS

Stunning POS system with high level of performance

- High performance CPU
- Clear and high-quality LED screen
- Low noise and low heat by applying Fan-less method
- Sleek exterior design with soft curve
- Thin and neat exterior
- Assembly/disassembly possible without additional tools
- Easy maintenance and repair





## Slim & Sleek Style POS System

# K-POS

OKPOS' POS terminals are undefeated in innovation and have a solid commitment in providing the optimum combination of performance and value. K-POS is designed to provide outstanding performance for your business and to protect your business. Our POS terminals are designed to accelerate customer service and K-POS shows business-optimized technologies, innovative design.



### Product reliability & safety

Proven product reliability and safety through EMC test, KC, CE and FCC by Authorized Testing and Certification Bodies

### Green IT

Intel Atom processor offers low power consumption. Low energy consumption can reduce unnecessary heat and expand the life span of POS components.



Slim and perfectly flat



USB port next to power button



Clear high-quality screen with a LED Backlight



Sufficient I/O ports to connect with peripheral equipment

## Specifications

Item	Specification	
Main	CPU	Intel® Celeron® Baytrail J1900 (2M Cache, up to 2.42 GHz)
	Memory	DDR3 SODIMM 2GB (up to 8GB, 1 Slots)
	Storage	2.5" SATA-II 500GB HDD or SSD 64GB/128GB)
Primary Display	LCD	15-inch / 17-inch TFT LCD (250cd), W / LED Back-light, LVDS Interface
	Resolution	1024 x 768 / 1280 x 1024
	Touch	15-inch / 17-inch 5-wire Resistive , Serial interface
I/O Port	Speake	1 x 1W
	USB	6 x USB (Rear: 4 x USB, Side: 2 x USB
	Serial	4 x RS-232C (3 x Powered DSUB-9, 1 x RJ-45)
	PS/2	1 x Keyboard or Mouse
	LAN	1 x Gigabit LAN
	VGA	1 x RGB
	Audio	1 port (1 x Line-out)
Power	DC-IN	External 60W Adapter Input AC 100-240V/50-60Hz, Output DC 12V/5A
User Environment	Temperature	Operating -25℃ to 45℃, Storage -35℃ to 75℃
Size	Dimension	ZED5: 379 x 251 x 335 mm (W x D x H), ZED7: 414 x 251 x 361 mm (W x D x H)
	Weight	7.3kg / 8.4kg
	MSR	ISO 1,2,3 Tracks Reading
Optional Peripherals	SCR	EMV Level 1, 2
	OS	POS Ready 7
	2nd Display	15-inch TFT LCD (1024 x 768), W / LED Back-light (Touch or Non-Touch) 9.7-inch TFT LCD (1024 x 768), W / LED Back-light (Touch or Non-Touch)
	CDP	VFD (20 columns x 2 lines)
	Dallas	Dallas I-button Reader
	Cash Drawer Port	Serial trigge
	CPU	Intel® Atom™ Processor D2550 (1M Cache, 1.86 GHz)





## Compact and Diverse Usage

# OK-30

- High speed printing : 200mm/sec
- Paper width adjustable 50~82.5mm
- Multi interface - Standard USB & Serial, parallel, Ethernet 10/100T, Wifi(802.11b)
- Energy star qualified for power efficiency



## Specifications

Method	Direct Thermal
Speed	Max. 200mm/sec
Resolution	180DPI
Auto Cutter	1,500,000 Cuts(Guillotine)
Interface	USB (B type) + Serial(9P+RJ45 Modular) / Centronics Parallel / Ethernet / 25Pin Serial / WLAN Card
Power	External SMPS / 100 ~ 240Vac 50/60 Hz / 24Vdc / 1.5A
Dimension	155 × 197 × 152 mm (W × D × H )
Color	Black, White
Weight	1.6kg



## Compact and Diverse Usage

# OK-40

- High speed printing : 200mm/sec.
- Paper width adjustable 50~82.5mm
- Various interface - Standard Serial



## Specifications

Method	Direct Thermal
Speed	Max. 200mm/sec.
Resolution	180DPI
Auto Cutter	1,500,000 Cuts(Guillotine)
Interface	Serial(9Pin DSUB + RJ45)
Power	External SMPS AC 100~240V / 50~60Hz, DC 24V / 2.5A
Dimension	133 × 157 × 105 (mm)
Color	Black, White
Weight	0.75kg



## Payment Terminal

# NC-1000 (Domestic only)

- MART PAD Concept Payment Terminal
- 7" Full Touch TFT Color LCD and RF Card Option

- Ease of IC Card
- RF(NFC) module option
- Easy touch of the button and electronic signature using a Capacitive Touch
- SAMSUNG pay Appcard MS Card Reader

## Specifications

Item	H/W SPEC
CPU	Atmel SAMA5D41 / Cortex A5 up to 536MHz
Memory	DDR2 256 Mbyte *16bit / Flash 256Mbyte
O/S	Embedded Linux 3.X
Display	7" TFT Color LCD / 800*480 pixels
Touch Panel	Capacitive Touch
IC Reader	ISO 7816 Compliant
MS Reader	ISO 7811 Standard, Track 2,3
Printer	Manual-Cut 2" Thermal(Max ø50mm)
Power	External SMPS Type



## Compact and Diverse Usage

# NC-2000 (Domestic only)

- 3" Thermal Auto Cut Printer
- 8" Full Touch TFT Color LCD

- SAMSUNG pay Appcard MS Card Module
- 3" Thermal Auto Cut Printer JAM Free Printer
- 8" Color TFT LCD(1280x800) IPS Panel Capacitive Touch
- IC Card Module Easy location for the user

## Specifications

Item	H/W SPEC
CPU	Atmel SAMA5D41 / Cortex A5 up to 536MHz
Memory	DDR2 256 Mbyte *16bit / Flash 256Mbyte
O/S	Embedded Linux 3.1X
Display	8" TFT Color LCD / 1280*800 pixels(ultra wide view)
Touch Panel	Full-Touch C-Type
IC Reader	ISO 7816 Compliant
MS Reader	ISO 7811 Track 2 * Option : Track 3
Printer	Auto-Cut 3" Thermal(Max ø80mm)
Power	External SMPS Type



## Sign PAD

# NS-100 (Domestic only)

- Korea's first 2.8" Color LCD
- Micro size and Mobile Payment Service
- Compatible with existing POS and CAT

- Electronic signature and password using a Color LCD
- SAMSUNG pay Appcard RF, MST module option

## Specifications

Item	H/W SPEC
CPU	ATMEL SAM4S ARM Cort ex
Memory	SRAM 64 Kbyte / Flash 128 Kbyte / External Flash 4Mbyte
O/S	Firmware/RTOS
Display	2.8" TFT Color LCD / 240(W) X 320(H)
Touch Panel	Resistive
Sound	Buzzer
Power	External SMPS Type DC 5V 1A
External Interface	Serial 2 Port(RS-232C, RJ-11)
NFC/MST	Samsung pay



## N SMART PAD

# NS-1000 (Domestic only)

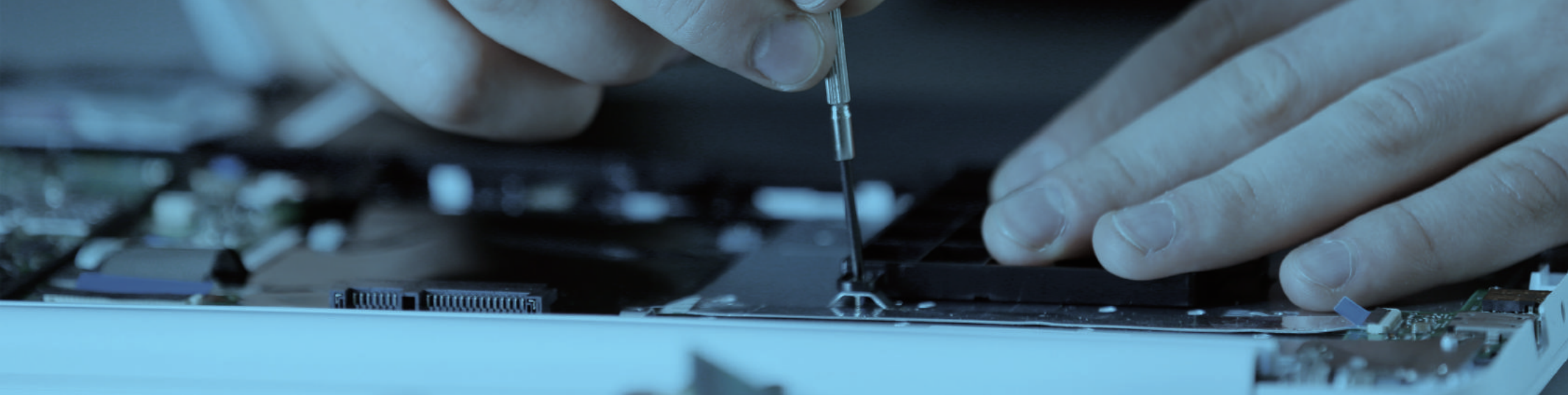
- Korea's first built-in MST(Magnetic Secure Transmission)Payment device
- NFC module(Card Emulation, Read/Writer, P2P)
- High-resolution Wide VGA LCD(854x480) and Capacitive Touch

- SAMSUNG pay Appcard RF, (NFC) module
- Tempered glass and Fingerprint-resistant coating technology for protecting LCD surface
- SAMSUNG pay Appcard MST module
- Electronic signature and password using a Capacitive Touch

## Specifications

Item	H/W SPEC
CPU	Atmel SAMA5D41 / Cortex A5 up to 536MHz
Memory	SDRAM 128 Mbyte / Flash 128 Mbyte
O/S	Embedded Linux 2.6X
Display	4.5" TFT Color LCD 854*480 pixels
Touch Panel	Capacitive Touch
RF Reader	NFC, ISO 14443 type A/B, Mifare
MST Reader	MST Antenna
Bluetooth	Bluetooth 4.0
Sound	Speaker





## OKPOS Worldwide RMA Policy

OKPOS values your business and always attempts to provide you the very best of service. OKPOS's services aim to maximize value for our clients by the Point of Sales('POS')

Products' planning, design, manufacture, and sales support. We have a strict manufacturing process, professional consulting services and flexible production to meet low volume and high mix requirements. You will have OKPOS's full support to grow your business.

Limited warranty is provided by OKPOS if your OKPOS Product was purchased from an authorized distributor or authorized reseller. Distributors may sell Products to resellers who then sell Products to end-users. For end-users, if your product was purchased from authorized distributors, please contact authorized distributors (the place of purchase) directly for warranty service.

No warranty service is provided unless the product is returned to an authorized return center in the region where can be OKPOS service center and service center of authorized distributors which may have regional specific warranty policy.

In order to prepare for future eventualities, distributors and resellers have a responsibility to keep some stocks for the repair of faulty items.

\*Notice : Warranty Policy can be changed by specific conditions of Contracts.







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