Self-ordering Kiosk
KMA series

Designed for every business, delivering peace of mind
Helpful and hygienic kiosks are in demand

Kiosks are increasingly becoming a part of everyday consumer life. From self-checkouts, to in-store ordering and ticket purchases, kiosks are a quick and efficient way for customers to engage with brands in a more personalized way – and they are increasing in popularity. In light of the pandemic, safety and sanitation are top of mind for consumers, from engaging with a display that other users have touched, to securely protecting their payment details. Performance and reliability are key factors when considering a kiosk display, ensuring that it can be easily managed and maintained once installed, while also being able to perform at optimum levels despite frequent use. Aesthetically, it is also important that a kiosk seamlessly blends into its environment and enhances the look of any brand. Overall, kiosks are more important to the consumer journey then ever so businesses must have the right product with the right features.

Keep customers happy and healthy with Samsung’s best-in-class kiosk

Seamless integration into any business environment

The compact and integrated design of Samsung Kiosk provides a variety of installation options depending on the unique space any business is looking to use. Countertop, floor stand and wall-mounting installation methods mean the kiosk can be utilized in a range of environments, from restaurants, to cafes, airports and retail stores. The kiosk also helps to reduce human error in the ordering or purchasing process. Samsung ensures this powerful performance through the embedded, SoC-based Tizen OS, enabling a faster and more optimized experience. This in turn helps to increase business efficiency and ultimately, the speed and satisfaction of every customer interaction.

Effective protection with Antimicrobial Coating

During a time when customer health and safety is front and center, ensuring the hygiene of any touch display is a very important consideration for any business. Samsung Kiosk provides safer and seamless experience due to its UL-certified Antimicrobial Coating which protects the screen against certain bacteria. This means that Samsung Kiosk helps to reduce the workload of separate cleaning and management of display, while alleviating customer concerns and giving them peace of mind. The coating also has the same, long lifespan as the display, meaning it does not need to be replaced while providing long-term protection, with the same clear visuals during every transaction.

Easy maintenance and management for enhanced efficiency

Businesses can install multiple kiosks and be confident that they can monitor and manage the kiosks with ease. The monitoring function enables the real-time identification and notification of issues, minimizing the time to resolve for reduced service disruption, while also decreasing the number of maintenance visits a store manager would typically require. In addition, the remote management capabilities allow store managers to control the ordering and payment applications provided by partners, delivering easier installation and ongoing management without the need to communicate with partners on a consistent basis.
The kiosk uses three-layer security protection powered by Samsung Knox technology which supports application development on the secured platform, the protection of important customer data and effective minimization of security attacks for a powerful, comprehensive security solution.

Powerful solution with no PC needed
Samsung Kiosk is built based on Samsung’s proven SoC (System on Chip) technology. This enables the kiosk to function without the need for an external PC, further highlighting Samsung’s leadership in the PC-less solution space, while delivering powerful and reliable technology.

Powerful, protective security
The kiosk uses three-layer security protection powered by Samsung Knox technology which supports application development on the secured platform, the protection of important customer data and effective minimization of security attacks for a powerful, comprehensive security solution.

Compact Kiosk
Samsung Kiosk is composed of a single display part and connect box, along with an optional stand. The design enables clean and convenient cable management while the cream white color and simple stand means the kiosk blends perfectly into any store interior with a stylish look.

Key features

- Compact design
- Modular functionality to support any payment type
- Helpful, hygienic interactions
- Powerful, protective security
- Display monitoring and management

Dashboard
Device analysis
Remote management

Powerful solution with no PC needed

*Samsung Kiosk supports a fully integrated EMV cradle for a Verifone terminal (P400) which varies by region and country.

Helpful, hygienic interactions
The next-generation kiosk blocks microbial growth to help protect against certain bacteria for safer, more hygienic interaction. So customers can worry less about germs, and keep focus on what’s on the screen.

- The screen of Samsung Kiosk meets the requirements of antimicrobial activity as set by the FITI Testing & Research Institute.
- To perform its antimicrobial function, this product has been treated with the biocidal substance Zinc Pyrithione.
- Antimicrobial property does not completely protect users against bacteria and provides no protection against viruses including Covid-19.
- Antimicrobial effect may vary depending on conditions of use.
- Antimicrobial coating on surface of screen only.
**Specifications**

**Panel**
- Diagonal Size: 24”
- Resolution: FHD (1,920 x 1,080)
- Brightness (Typ.): 250cd (without glass)
- Contrast Ratio (Typ.): 1,000:1 (without glass)
- Viewing Angle (H/V): 178/178
- Response Time (G-to-G): 14ms (Typ.)

**Touch**
- Type: Capacitive

**Sound**
- Speaker Type: Built in speaker (5Wx1)

**Features**
- **H/W**
  - Antibacterial PEF film, Temperature sensor, WiFi module embedded, Clock battery (168hrs Clock Keeping), IP5x rating, 10 point touch (Max)
- Processor: Cortex A72 1.7GHz Quad-Core CPU
- Memory Interface: LPDDR4 1.5GHz 64bit 3GB
- Storage: 8GB (3.88GB Occupied by O/S, 4.12GB available)
- IO Ports: USB 2.0
- Operating System: Tizen 4.0 (VDLinux)

**Connection Box Connectivity**
- **Input**
  - USB x3
- **Bi-direction**
  - One connect port (44 Pin)

**Peripheral Devices**
- **Receipt Printer**
  - Type: Thermal
  - Printing Speed: 250mm/sec
  - Cutting: Automatic (Support full cut, Partial cut)
  - Paper Support: Support 80mm paper roll, 20 ~ 83mm paper width, 0.05 ~ 0.12mm paper thickness
- **QR/Barcode Reader**
  - Supported Dimension: 1D, 2D
- **Card Reader (Korea only)**
  - Type: Support magnetic swipe and IC reader
  - Authorization: Contact EMV L1&L2 authorized
  - Korean credit finance certified (#SR-F10EHS01F201)
- **NFC**
  - NFC Ready (Optional)

**Power**
- **Power Supply**
  - AC 100 ~ 240V 50/60Hz
- **Power Consumption**
  - Max [W/h]: 49.5
  - Typical [W/h]: 25 (Display only)
  - Rating [W/h]: 45
  - Stand-by [W/h]: 0.5

**Mechanical Spec**
- **Dimension (mm)**
  - Set: 334.4 (W) x 733 (H) x 236.5 (D) mm
- **Weight (kg)**
  - Set: 12.5kg
- **Color**: Gray white
- **Protection Glass**: Yes
- **Stand**: Yes
- **Power Cable Length**: 2.4m

**Operation**
- **Operating Temperature**: 0°C ~ 40°C
- **Humidity**: 10 ~ 80%

**Others**
- **Optional**
  - Stand: Floor stand
  - Mount: VESA 200 x 200

**Floor stand**
- **Dimension (mm)**
  - Set: 450 (W) x 929.7 (H) x 324.3 (D) mm
  - Package: 389 (W) x 225 (H) x 1,017 (D) mm
- **Weight (kg)**
  - Set: 19.1kg
  - Package: 21.8kg
- **Color**: Gray white
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Smart Signage

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