



Smart SIM Card Dispensing Kiosk

An Innovative Approach to SIM-Card Sales



-  Robust Design & Enclosures
-  Industrial Grade Touch Screen
-  Industrial Grade Pc
-  Dual Amplified Speaker
-  Custom Color & Branding
-  Versatile Connectivity



INTRODUCTION

SimEze by MorEze transforms SIM card purchases by boosting consumer convenience, user experience, and time savings. With recent advancements, the telecom sector now allows users to instantaneously activate a new SIM, top up their cell balance, or change their mobile package plan without having to visit a telecom service centre.

TECHNICAL SPECIFICATIONS

Processor System

| | | |
|--------------|-------------------------|---|
| OS | : Windows 10 IOT or Pro | Android 7 or above |
| Processors | : Intel i3/i5/i7 | RK3399 / A311D or similar |
| RAM | : 4GB or higher | 4GB |
| Storage | : 128GB SSD or higher | 32GB eMMC |
| Connectivity | : WIFI; Ethernet; BT | WIFI; Ethernet; BR; Cellular (Optional) |
| Temperature | : -10°C to 60°C | -10°C to 60°C |

Display

| | |
|--------------|--------------------------|
| Display | : 21.5" PCAP Multi Touch |
| Aspect Ratio | : 16:9 |
| Resolution | : 1920*1080 |
| Brightness | : 250 cd/m2 |

Facial Recognition (Optional)

| | |
|--------|---------------------|
| Video | : Up to 5MP |
| Images | : 1280 x 720 pixels |

Automatic Sim Dispenser

| | |
|--------------------------|---------------------|
| Card Dimension | : 54* 84mm (±1mm) |
| Card Thickness | : 0.76 (±10%)mm |
| Card Dispensing speed | : ~14 cm/s |
| Card Stacking Capability | : Upto 150pcs |
| Card Pre-Empty Detection | : 7-50pcs |
| Card Encoding | : IC, RFID, Barcode |

Fingerprint scanner

| | |
|---------------------|--|
| Fingerprint Sensor | : Optical Scratch Free Sensor |
| Pixel Resolution | : 500 DPI +/- 1% |
| Platen Area | : 3.5 x 3.2 in. (90 x 81 mm) |
| Capturing Format | : Flat Four fingers & Two thumbs |
| Active Platen Area | : 3.2 x 3.0 Inch (81.2 x 76.2 mm) |
| Finger Image Pixels | : 1600 x 1500 Pixels |
| Pixel Depth | : 8 Bits/Pixel (256 Gray Level) |
| Capturing Speed | : >= 4 frames/sec |
| Capture mode | : Auto capture with built-in quality check (incorporates NIST quality considerations) |

Barcode Scanner:

| | |
|----------------|---------------------------------|
| Image Sensor | : CMOS 1280*800 |
| Illumination | : White LED |
| Aiming | : Laser Diode or Green LED |
| Depth of field | : 40-360mm |
| Scan rate | : 60 fps |
| Data Capture | : All major 1D & 2D symbologies |
| Notifications | : Beep, LED Indicator |

Document Scanner

| | |
|----------------|----------------------|
| Camera Sensors | : 1/2.3" CMOS Sensor |
| Image colour | : RGB24 |
| Focus | : Fixed focus |
| Shooting speed | : <1s |

Receipt Printer

| | |
|------------------|-----------------------|
| Printing Method | : Thermal, Fixed head |
| Print Resolution | : 203 dpi |
| Printing Speed | : 150mm/s |
| Printing Width | : 52-80 mm |
| Sensors | : Auto-cutter |

Cash Acceptor

| | |
|-------------------|-----------------------------|
| Cashbox capacity | : Upto 2,200 notes |
| Note feeding | : Single |
| Note dimensions | : 62-83mm width |
| Transaction speed | : Upto 2.3 seconds to stack |
| Escrow | : 1 note |

TECHNICAL SPECIFICATIONS



Physical Specifications

- Weight : 120kgs
- Dimensions (L x W x H): 511 x 350 x 1621
- Footprint w/base mm : 440 x 470
- Power supply : 100-240V AC



Kiosk Body Features

- Durable Steel frame with powder coating
- Moisture-proof, Anti-rust, Anti-dust, Static free
- Left & right bi-channel multimedia speakers
- LED indicator lights at each of the component
- Sensors to turn off power saving mode
- Power strip with surge protection
- Internal Dust nets for protection
- External On/Off Switch & LAN Port
- Castor wheels for mobility or Ground bolting option
- Ease of access to the kiosk for maintenance



Optional Hardware Upgrades

- Cash/ Coin Recycler : For accepting payments and returning change respectively
- Passport scanner : ICAO Compliant Passport and ID scanner for authentication
- Signature Pad : For accepting T&C with a Digital Signature
- Handset : For connecting with Virtual Bank tellers
- Biometric scanners : For identification:
 - Single Fingerprint scanner,
 - IRIS Scanner
 - Facial Recognition
 - Palm Vein Scanner

