⟫ bankeze

Smart Banking Kiosk

An Innovative Approach to banking

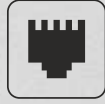| Face Recognition | Fingerprint Scanner | IRIS Scanner | Thermal Printer | Card Dispenser | QR & Barcode Scanner | WiFi & BT | LAN |

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

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SOLUTIONS THAT EASIFY

INTRODUCTION

BankEze by MorEze comes with a range of self-service banking kiosks which can transform traditional banks by giving customer's the choice and flexibility to carry out their transactions through a highly convenient channel.

TECHNICAL SPECIFICATIONS

Processor System

OS	: Windows 10 IOT or Pro
Processors	: Intel i3/i5/i7
RAM	: 4GB or higher
Storage	: 128GB SSD or higher
Connectivity	: WIFI; Ethernet; BT
Temperature	: -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

Fingerprint scanner

Sensor	: Optical scratch free sensor
Resolution	: 500 DPI / 256 gray
Sensing Area	: 16 x 18 mm
Standards	: ANSI-378, ISO19794-2
Compliance	: STQC; FBI PIV

Receipt Printer

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

Physical Specifications

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

IRIS Scanner

Spatial Resolution	: > 50% @ 1.0 LP/mm
Pixel Resolution	: > 10 Pixels/mm
Image Margins Left & Right	: >= 0.6x IRIS Radius
Top & Bottom	: >= 0.2x IRIS Radius
Imaging Wavelength	: 700-900 nm
Pixel Depth	: 8 Bits/Pixel

Barcode Scanner:

Image Sensor	: CMOS 640*480
Depth of field	: Upto 110mm
Scan modes	: Sense mode, Continuous mode
Scan rate	: 60 fps
Data Capture	: All major 1D & 2D symbologies
Notifications	: Beep, LED Indicator

Debit Card Dispenser

Card specifications	: Card thickness: 0.76mm
	Card format: ISO CR80 – ISO 7810 (53.98 mm x 85.60 mm)
Printing Performance	: Single Side: Color – 20.5s/card; Monochrome – 7s/card
	Dual Side: Color – 28s/card
Card Stacking	: Card hopper: Upto 200 cards
	Retracts unretrieved cards
	Reject slot for defective cards

Document Scanner

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

TECHNICAL SPECIFICATIONS

ⓘ Kiosk Body Features

Durable Steel frame with powder coating

Moisture-proof, Anti-rust, Anti-dust, Static free

Left & right bi-channel multimedia speakers for output

Power strip with surge protection

LED indicator lights at each of the component

Sensors to turn off power saving mode

Internal Dust nets for protection

External On/Off Switch & LAN Port

Castor wheels for portability or Ground bolting option

Ease of access to the kiosk for maintenance

🖳 Optional Hardware Upgrades

Passport Scanner	: ICAO Compliant Passport and ID scanner
Card Printer	: Instant personalised Card printer with embossing and encoding
Cheque Scanner	: For self- depositing cheques
Paper printer	: For printing any forms or documents
Passbook printer	: For self- updating bank passbooks
EMV Card readers	: DIP/Swipe based card readers
Pinpad	: For entering encrypted pins
Handset	: For connecting with Virtual Bank tellers
Signature Pad	: For accepting T&C with a Digital Signature
Biometric scanners	: For identification:

-Single Fingerprint scanner,

-IRIS Scanner

-Facial Recognition

-Palm Vein Scanner

1621mm

350mm

511mm