

EnrolEze

Biometric Self Enrolment Kiosk



Face Recognition



Dual IRIS Scanner



Windows or Android OS



Thermal Printer



QR & Barcode Scanner



WiFi & BT



LAN



Robust Design & Enclosures



Industrial Grade Touch Screen



Industrial Grade Pc



Dual Amplified Speaker



Custom Color & Branding



Versatile Connectivity



Introduction

EnrolEze is a standalone station that supports multi-biometric features capture, enabling applicants breeze through the whole registration process on their own with a single unit. The versatile kiosk is equipped with ultra-high resolution camera, fingerprint scanner, large touch screen display many more components.

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



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



Display

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



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)



Facial Recognition(Optional)

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



Receipt Printer

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



Digital Signature Pad

Sensor	: Electromagnetic Digitizer
Glass	: Tempered Glass surface
Life	: Upto 2 million signatures
Pen Type	: Active Energised pen
Signing Area	: 112mm * 33mm
Authentication	: Forensic quality .SIG data



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



Passport or ID card Scanner

Document type	: 1. MRZ: ICAO 9303 standard compliant documents: ID-1 (Identity Card), ID-2 (Passport, Visa) ID-3 (Passport) 2. Barcode: 1D and 2D
Image Resolution	: 500 dpi
Illumination	: Visible IR 850nm
Sensor	: CMOS 5MP

Technical Specifications



Physical Specifications

Weight	: 120kgs
Dimensions (HxWxD)	: 1680 x 480 x 450
Footprint w/base mm	: 480 x 450
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

Handset	: For connecting with Virtual Bank tellers
Biometric scanners	: For identification:
	-Single Fingerprint scanner
	-IRIS Scanner
	-Facial Recognition
	-Palm Vein Scanner

