I smartFACE series

Model No : SBF2030-S-WIFI-QR-H4

Linux base Aadhar verified Face Biometric Recognition Terminal – with 4.3 *inch IPS display*

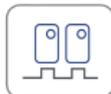|				
Standalone Face Terminal for Access or Attn.	Dual Core Arm Cortex A7	4.3" IPS HD display screen	Unique live face recognition algorithm	Multiple RFID technologies*
Wiegand In/Out	Wi-Fi Enabled	10M / 100M adaptive Ethernet port	Aadhar Verified Image upload	

Main Features:

- Linux based OS
- Lowest face recognition time <0.5 sec for improve speed of operation to control rush
- 2 megapixel dual camera
- 20000 Face Templates & 57000 transactions.
- Face recognition with Alarm warning
- Access restriction to unauthorized person
- Support real time live detection
- 3D noise reduction and FOG passing technology
- Audio-Voice playback in regional language for event
- Dust Proof Device

TECHNICAL SPECIFICATONS

Brand Name	SBF2030-S-WIFI-QR-H4
Display	4.3 inches IPS HD screen, screen resolution 480*272
Processor	Dual-Core ARM Cortex-A7, @1.0GHz
Operating System	Linux
Sensor	1/2.8" Progressive Scan CMOS
Viewing angle	Vertical viewing angle: 30°; Horizontal viewing angle: 30°
Camera	Dual cameras with 2MP, 1920x1080, 4.5mm lens with QR detection feature
Audio	Voice playback in regional language
Recognition height	1.2~2.2 meters
Recognition distance	0.3~1.5 meters
Recognition time	Less than 0.5 seconds
Storage capacity	57,000 capture records
Face capacity	20,000 pcs
Communications Port	TCP/IP : RJ45 10M / 100M adaptive Ethernet port
	Wi-Fi : IEEE 802.11b/g/n standard, support 2.4GHz frequency band, speed range 1Mbps-150Mbps (Optional)
Wiegand interface	Wiegand interface input*/output
Input	3 I/P (Door Status, Egress, Fire)
Output	Door Lock
Reader	Mifare Smart Card Reader (13.56Mhz)
Pin	Available
Power	12 V DC/ 2A
Operating Temp	Temp: -30℃ - 60℃ , & Rh: 0～90%
Size in mm (LXHXW)	88 mm X 160 mm X 17 mm
Mounting	Wall Mounting (*Stand Mounting Optional)
Certification	CE,ROHS

Ordering Information

Model No	Description
SBF2030-S-WIFI-QR-H4	Smart biometric face recognition terminal with Access & Attendance + 2 megapixel dual camera with QR detection + 4.3 inch display + TCP/IP + Wiegand (In*/Out) + Mifare smart Card Reader + WIFI + Touchscreen

Software Compatibility:

BSS-Building Solution Suite web based multi-module software with Employee Self Service

SCMD-AC-100U-smartCOMMANDCONTROL web Based Access Control Management software with Employee Self Service Module

SCMD-DUO-100U (PACK) – smartCOMMANCONTROL pack web based access + attendance + employee self service software SALM –

smartALARM - Alarm Management Software for smartCOMMANDCONTROL / smartACCESS

SVM20-AS - 'smartVISITOR' Visitor Management Software (Server License) (Advance Edition) with SQL Express database .This will include a common license for Host, Security and Admin .SQL Licence in Customer Scope.

SVM20-ES - smartVISITOR' Visitor Management Software (Enterprise Edition) , Web Based Server License (Including Web based Admin & Host module and desktop based security module)-MS SQL Database.

smartTRACK- Mobile attendance Application compatible with android smart phone.

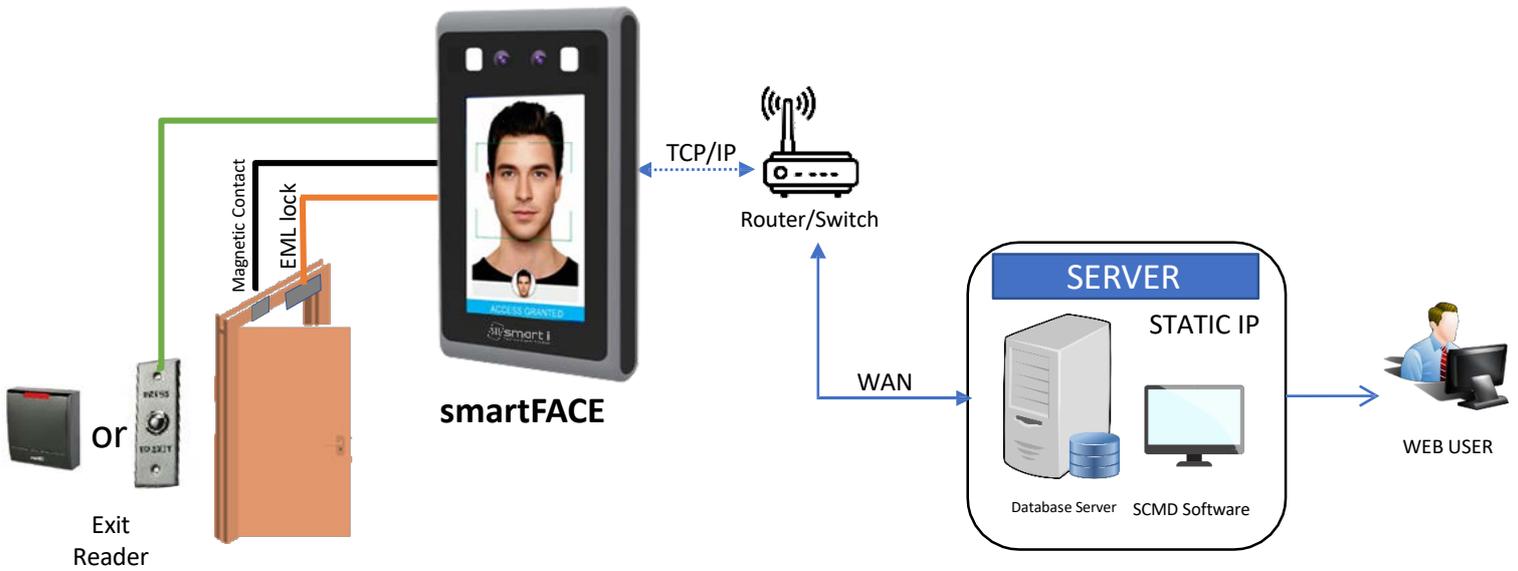smartUIDAI- Mobile app for Adhar verified image registration

Note: 1) Recommended software with smartFACE series product is SCMD-Duo or BSS
   2)*indicate optional
   3) Only 1 Access level available, so recommended to use with Access controller for Project where Time zone & Access futures are required
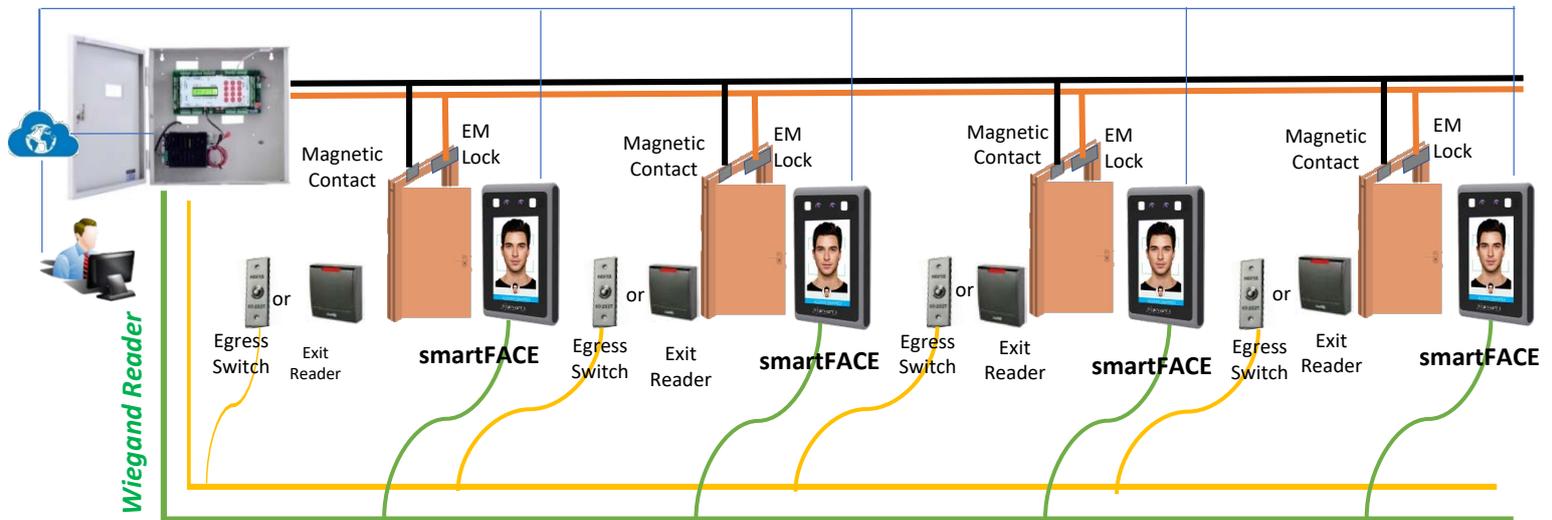   4) Wiegand In only work when not used inbuilt card reader for standalone controller *
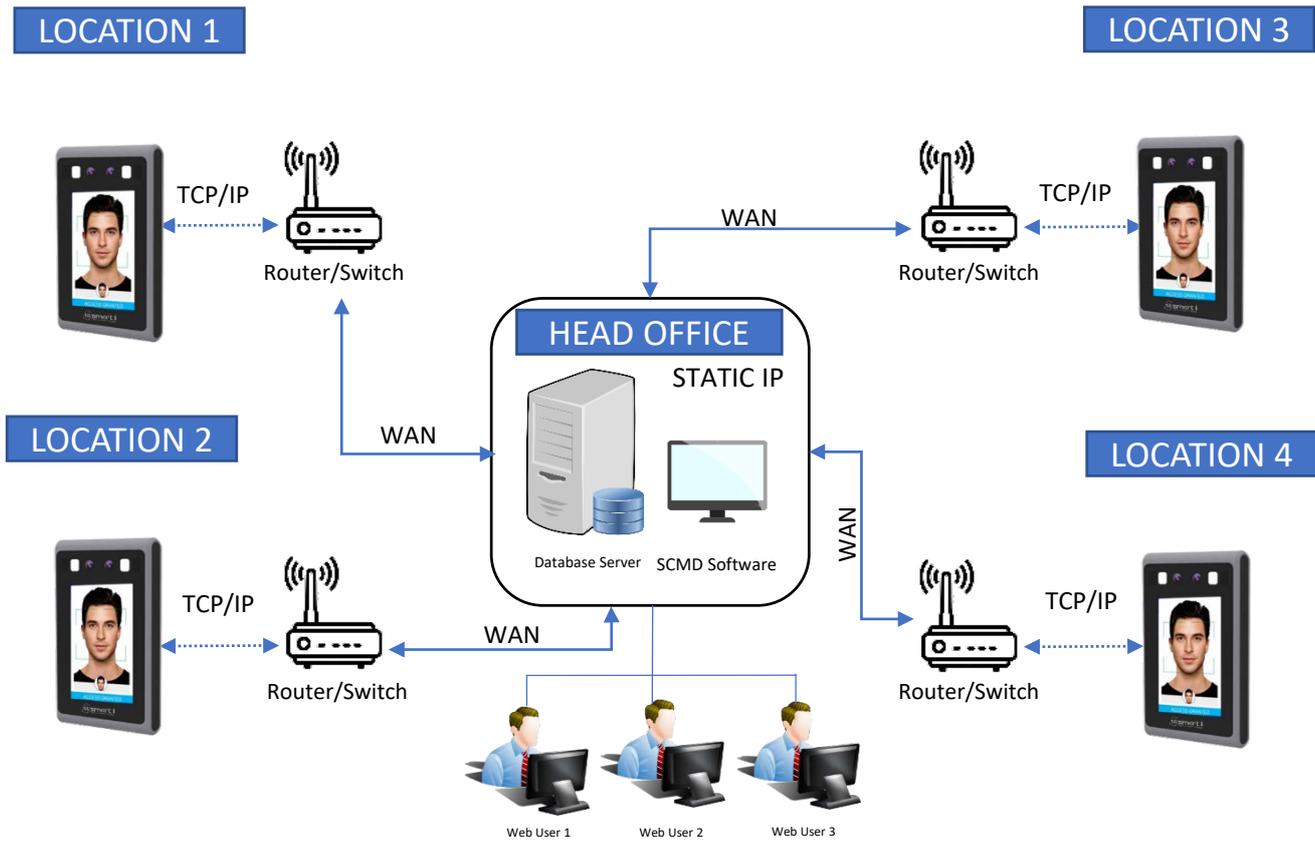
smartFACE as a Single Door Access Controller

smartFACE as a Wiegand Reader for Multi-door control
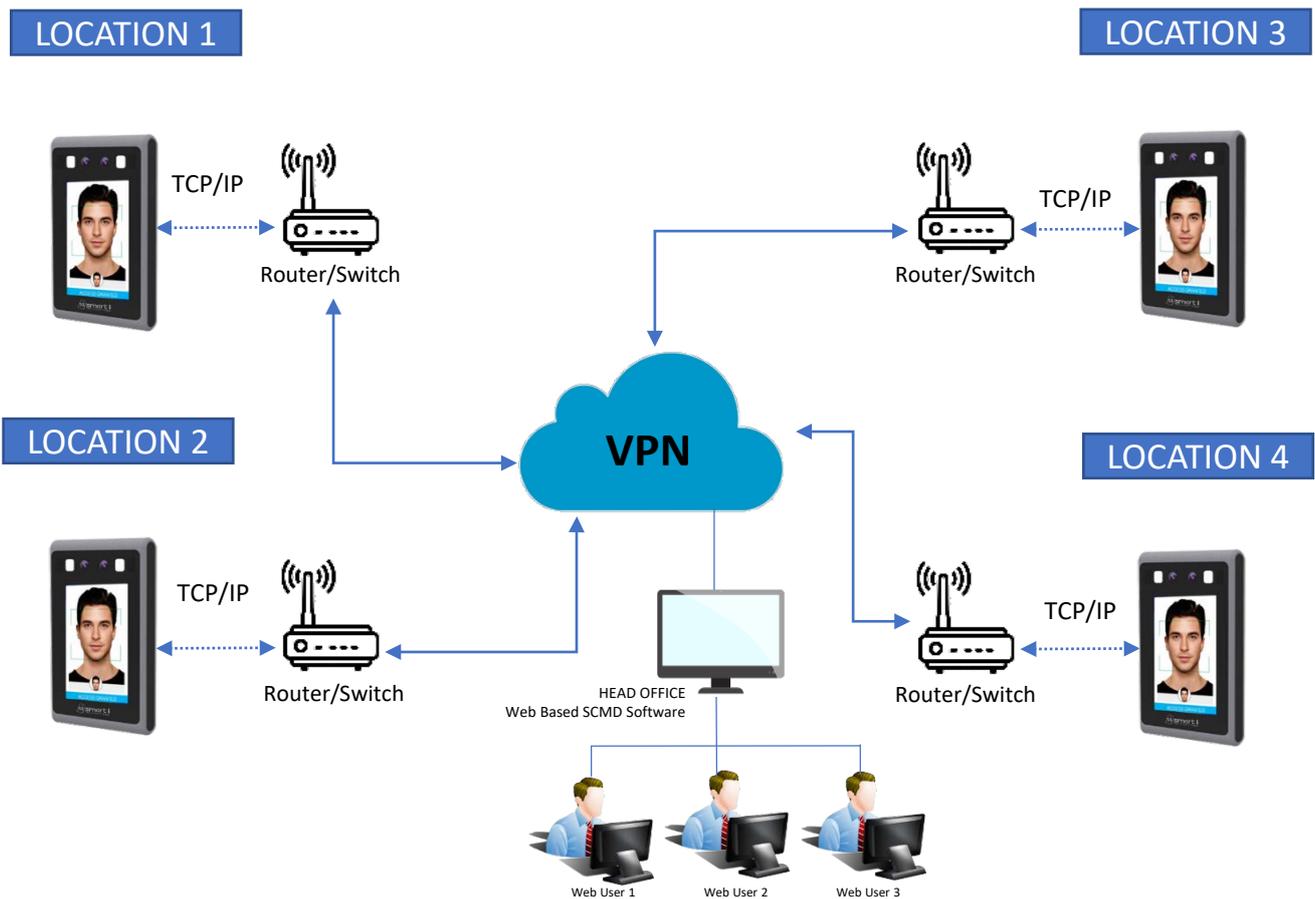
Smart-i or 3rd Party Multidoor controller

Multi-location TOPOLOGY

TOPOLOGIES

TOPOLOGY – with STATIC IP

LOCATION 1 — TCP/IP — Router/Switch — WAN
LOCATION 2 — TCP/IP — Router/Switch — WAN
HEAD OFFICE — STATIC IP — Database Server — SCMD Software
LOCATION 3 — WAN — Router/Switch — TCP/IP
LOCATION 4 — WAN — Router/Switch — TCP/IP
Web User 1 Web User 2 Web User 3

TOPOLOGY – with VPN

LOCATION 1 — TCP/IP — Router/Switch
LOCATION 2 — TCP/IP — Router/Switch
VPN
HEAD OFFICE Web Based SCMD Software
LOCATION 3 — TCP/IP — Router/Switch
LOCATION 4 — TCP/IP — Router/Switch
Web User 1 Web User 2 Web User 3

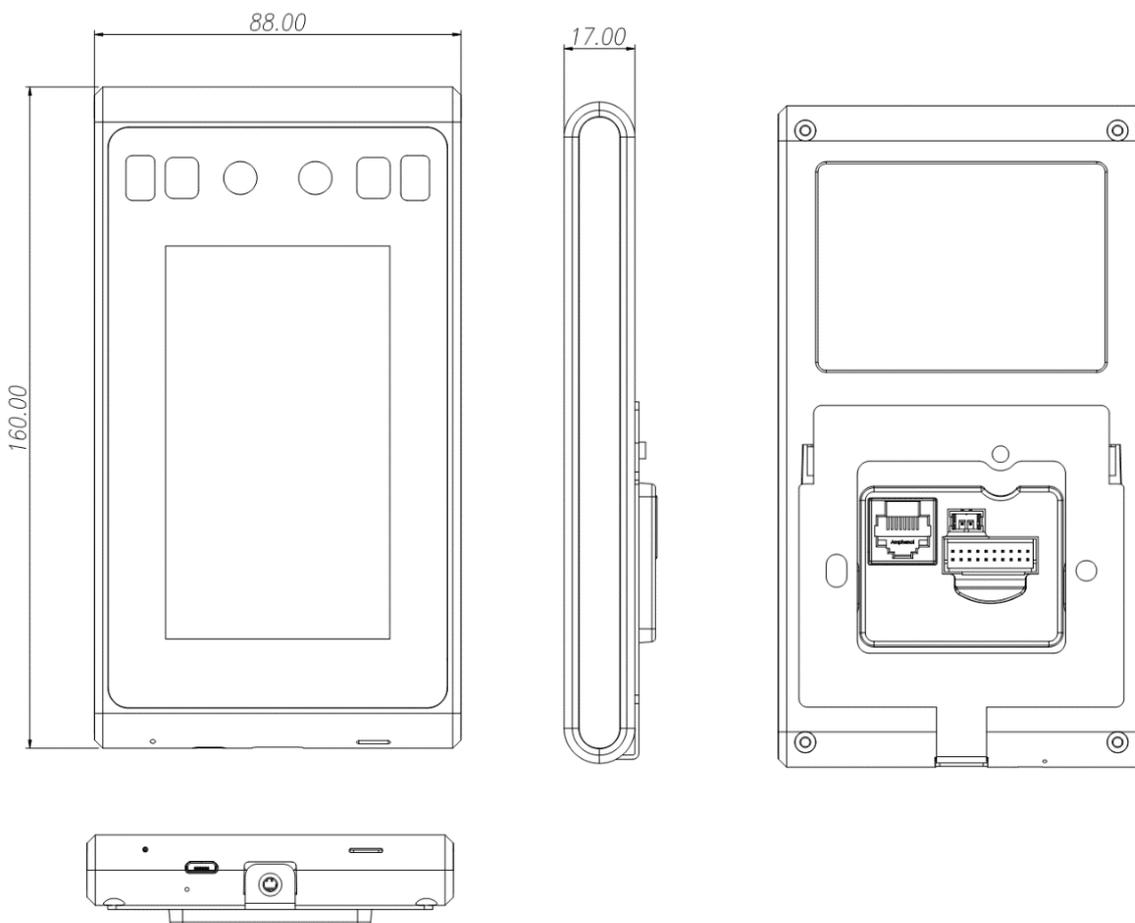## Software Key Features

- Multi Location Application

- Bulk Face & Card Activation.

- Integration With Mobile Apps

- Global Access Policy & Default Access Policy

- Integrated HR Module

- Comprehensive Attendance Policy with Leave & Multiple Shift Management.

- Useful MIS Reports For Attendance & Access.

- Integrated Alarm Management

- Integrated Visitor Management

Mechanical Dimensions

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5