

MATRIX AADHAAR ENABLED BIOMETRIC ATTENDANCE SOLUTION



AEBAS is an attendance management system designed for the government organizations by Government of India to improve productivity of employees. The system authenticates attendance using AADHAAR number created by Unique Identification Authority of India (UIDAI).

Matrix introduces the first embedded Linux based AADHAAR enabled biometric attendance device registered on AEBAS Server – COSEC VEGA FAXQ. It authenticates the user using their AADHAAR number stored in the smart card and fingerprint in less than 1.5 sec. This integrated device offers unique benefits in terms of reliability, convenience, speed and data security.

BENEFITS



RELIABILITY

- Designed for Attendance Management on a Linux Platform for Long Term Consistent Performance



SPEED

- Identification within 1.5 Second



CONVENIENCE

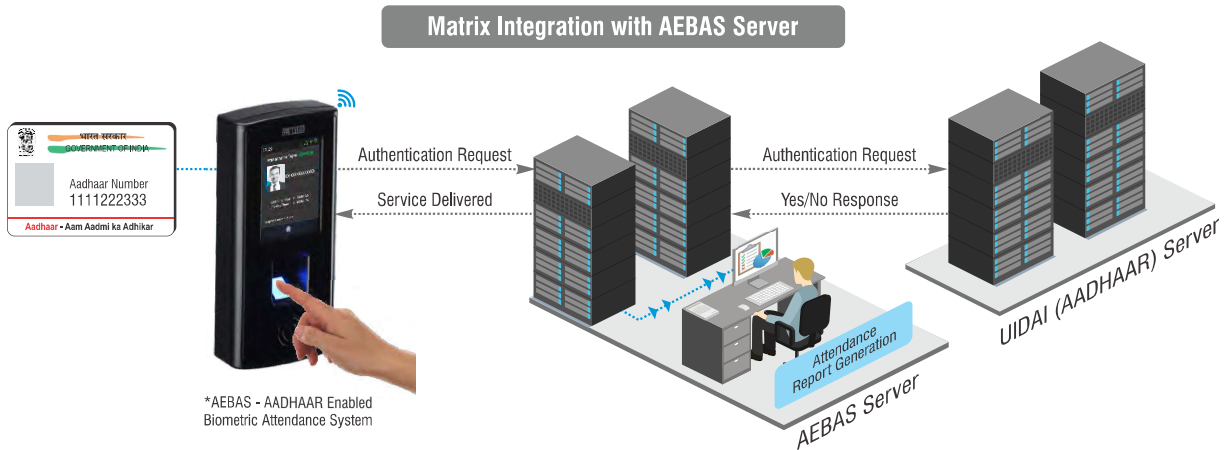
- Reads AADHAAR Number from the Smart Card Directly and Eliminates Manual Entry



CONNECTIVITY

- LAN with PoE, Wi-Fi, 3G/4G Options to Connect with the AEBAS Server

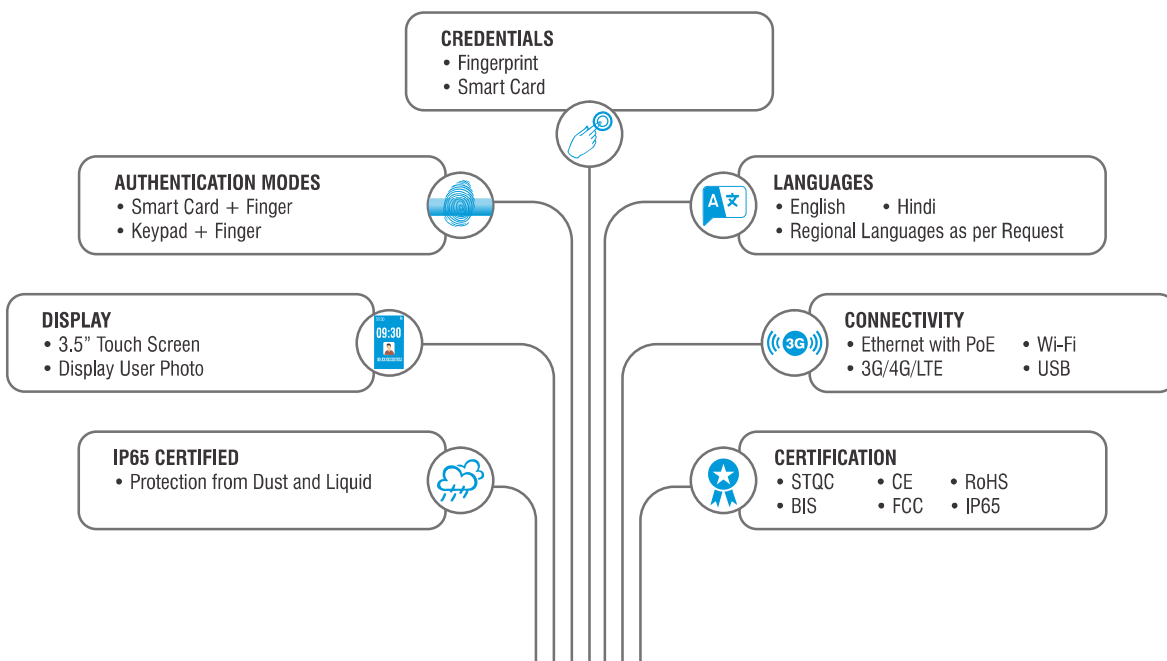
AUTHENTICATION PROCESS



AADHAAR Enabled Biometric Device - MATRIX COSEC VEGA FAXQ

COSEC VEGA FAXQ, a part of VEGA series, is an embedded Linux based biometric device for government organizations to meet time-attendance needs. The device offers unique advantages in terms of connectivity, technology, usage environment, and easiness. It's IP65 design, smart card, multi-language, PoE, wireless connectivity and touchscreen makes it a foolproof Time-Attendance solution for Government organizations.

FEATURES



TECHNICAL SPECIFICATIONS - COSEC VEGA FAXQ (FOR AEBAS)

APPLICATION	TIME-ATTENDANCE
Integration	AEBAS Server (AADHAAR Enabled Biometric Attendance System)

GENERAL	
Credential Support	Finger, RFID Card and AADHAAR Number
Card Support	Mifare Smart Card (Read/Write Supported)
Sensor	Suprema Optical Sensor (STQC Certified)
Keypad	Touch Screen Based

DISPLAY	
Display	3.5" TFT Display with Capacitive Touch Panel
Display Size	320 x 240 Pixels
Size of Wallpaper	512 Kb

COMMUNICATION	
Ethernet	Yes (10/100 Mbps on Ethernet)
Wi-Fi	Yes (802.11 b/g/n)
PoE	Yes (IEEE 802.3 af)
Mobile Broadband	Yes (3G/4G Support) through USB dongle

INTERFACES	
USB	Yes (For 3G/4G Connectivity and Data Transfer)
2G/3G/4G Dongle Specification	Huawei E3351 Data Card
Dongle Dimension (W x H x D)	25.4 x 65 x 8.5mm (1.0" x 2.5" x 0.3")

AUDIO-VISUAL	
User Photo Display	Yes
Buzzer	Yes

CONFIGURATION	
Platform (Operating System)	Embedded Linux
CPU	800 MHz ARM Cortex A8 based Processor
Flash Memory	256 MB Flash
RAM Memory	512 MB DDR3 RAM
Micro SD Card	Yes (Inbuilt 4 GB)

ELECTRICAL	
Input Power	12 VDC @ 2A

PHYSICAL	
Dimensions (WxHxD) (mm3)	91 x 186 x 38
Weight (kg)	0.54
Tamper Detection	Yes

ENVIRONMENTAL	
Humidity	5% to 85% RH Non-condensing
Operating Temperature	0°C to + 50°C (32°F to 122°F)
Certifications	RoHS, CE, FCC, IP65, BIS, Shock and Vibration Proof

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ABOUT MATRIX

Established in 1991, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization, Matrix is committed to keep pace with the revolutions in the telecom and security industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like IP-PBX, Universal Gateways, VOIP Gateways and Terminals, GSM Gateways, Access Control, Time-Attendance and Video Surveillance solutions. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Asia, Europe, North America, South America and Africa through an extensive network of more than 500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products

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