

Matrix COSEC Comparison		
Features	Matrix COSEC VEGA FAX	SUPREMA BioStation
Product Photograph		
Credential Support	Fingerprint, RFID Card, PIN	Fingerprint, RFID
Fingerprint Templates	9600 (1:N mode), 100000 (1:1 mode)	20,000 (1:N mode), 4,00,000 (1:1 mode)
Card Type Support	Proximity (EM Prox), Smart card (Mifare/NFC and HID iCLASS)	125KHz EM, 125KHz HID Prox, 13.56MHz Mifare/DESFire
Cards Per User	Upto 2	INA
Sensor	Suprema	Suprema
Display	3.5" TFT Display with Touchscreen	2.5" Color
Buzzer	Yes	No
Events Buffer	500,000	10,00,000
Wi-Fi	Yes	Optional
USB	1 Port (Data Transfer and Wireless Connectivity)	Host and Slave
Connectivity	Ethernet, Wi-Fi, and Mobile Broadband (2G, 3G, GPRS)	RS485, RS 232, Ethernet
IP65	Yes	No
PoE (Power over Ethernet)	Yes	No
Exit Switch Port	Yes	Yes
Reader Interface Types	RS 232, and Wiegand IN/OUT	Wiegand IN/OUT
Battery Backup	External Through Power Supply Battery Back Backup (PSBB) and VEGA Battery Backup Unit (BBU)	No
Data Auto-Push	Yes	No
CPU	1GHz Arm Cortex A8	200MHz RISC + 533MHz DSP
Power to Door Lock	from Door Controller	from Door Controller
Power to Exit Reader	from Door Controller	from Door Controller
Door Lock Relay	Relay SPDT, Form C, 1A@30VDC	1 Relay
Memory	256MB Flash and 512 MB DDR3 RAM	34MB RAM + 1GB Flash
Identification Time	Less than 1 Sec	INA
Input Power	12VDC@2A	12VDC
Tamper Detection	Yes	Yes
Dimensions (WxHxD) (mm)	90 x 180 x 37	135 x 128 x 50
Operating Humidity	5 % to 95% RH Non-Condensing	INA
Weight (g)	400	INA

*INA=Information Not Available

* Above comparison is true to our knowledge and information received from the competition. Due to continuous technology upgradations, product features are subject to change.

Matrix COSEC USPs
Auto Push Technology
Automatic Fingerprint Distribution
Automatic SMS/Email Realtime Notifications
Scheduler Service for back up and reports
Automatic device identification
IP based Architecture
Scalable upto 65,000 Door Controllers and 1 million Users
Centralized Real-time Data Management
Completely Web based Application Software
Multiple Credentials Supported <i>Palm Vein, Fingerprint, RFID Card, Pin</i>
Seamless Integrated Solution- 3rd Party Hardware & Software Integration
Customized Reports & Chart Generation (around 200+)