



Matrix COSEC Comparison		
Features	Matrix COSEC FOP	Soyal AR 837(EF)
Product Photograph		
Credential Support	Fingerprint, RFID Card and PIN	Fingerprint,RFID card
Fingerprint Templates	9600 in 1:N Mode and 1 lac in 1:1 Mode	9000 (4500~9000 users)
User Capacity	50,000 (Max. 9600 in 1:N Mode)	16,000
Anti-pass function	Yes(Global/Local)	Yes
Sensor Make	Suprema	INA
Card Type Support	Proximity (EM PROX and HID PROX) and Smart Card (Mifare and HID iCLASS)	125 KHz & 13.56 MHz frequency cards
Water-proof Sensor	Yes	INA
Display	128x64 Dot Matrix	128x64 Dot LCD panel
LED Indication	4 LEDs	6 LEDs
Buzzer	Yes	Yes
Events Buffer	500,000	32,000
Identification Time	< 1 sec.(9,600 templates)	DO: 0.97 sec./MT: 0.65 sec(1,000 templates)
USB	Yes(2 ports)	INA
Connectivity	Ethernet(10Mbps),Broadband (3G/2G),Wiegand	RS-485(Ethernet by order)
Power to Door Lock	From Device	INA
Power to Exit Reader	From Device	INA
Input Power	12 VDC @ 2A	10-24 VDC
Tamper Detection	Yes	Limit Switch(Form C)
Operating Temperature	0°C to + 50°C (32°F to 122°F)	0°C to + 60°C
Operating Humidity	5% to 85% RH Non-Condensing	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+)