

# COSEC ARGO FACEM

Redefining Facial Recognition Technology



## CREDENTIAL SUPPORT

Human Face	Yes
PIN	Yes
Card	Mifare/Desfire/NFC Tag
BLE - Mobile	Yes

## CAPACITY

User Profiles	50,000
Face Templates	200,000
Max. Templates Per User	30
Event Logs	500,000

## Face Recognition

Algorithm	Deep Learning based Face Recognition
Fake Face Detection	Yes
Face Identification	1:200,000 in < 1 sec 1:1 in < 0.5 sec
Face Enrolment	Enrolment Station Upload Images

## GENERAL SPECIFICATIONS

Dimensions (HxWxD)	186mm x 74 mm x 50mm (7.3" x 3" x 2")
Weight	650gms (1.433 lbs)
Display	3.5" IPS LCD (Touch Screen)
Display Resolution	480 x 320 Pixel
Gorilla Glass	Yes (Gorilla Glass 3)
CPU	Quad Core ARM Cortex-A7 @ 1.5 GHz
GPU	Built-in 2 TOPS Neural Network Computing Performance
RAM	2 GB DDR4
Flash Memory	16 GB eMMC
SD Card	No (Built-in 16GB eMMC provided)
Tamper Detection	Yes

<b>Buzzer</b>	Yes
<b>IR LEDs</b>	Yes
<b>Ingress Protection</b>	IP65
<b>Ingress Protection Certificate</b>	IK06
<b>Operating Temperature</b>	CE, FCC, BIS, UL, RoHS
<b>Storage Temperature</b>	0°C to 50°C
<b>Humidity</b>	-20°C to 60°C
	5% to 95 % RH Non-Condensing

## CAMERA

<b>RGB Camera</b>	2MP Surveillance Grade, IR Blocked
<b>Infrared Camera</b>	2MP Surveillance Grade, IR Band Pass
<b>Camera Sensors</b>	SONY IMX 307, EXMOR Technology, STARVIS Series

## COMMUNICATION

<b>Ethernet</b>	Yes (10/100 Mbps - 1 port)
<b>PoE</b>	Yes (IEEE 802.3 af)
<b>WiFi</b>	Yes (802.11 b/g/n)
<b>3G/4G/LTE</b>	Yes (Additional USB Modem)
<b>BLE</b>	Yes (8m Range)
<b>USB</b>	Yes (USB 2.0) Micro USB-Type B

## INTERFACE

<b>Exit Switch Interface</b>	Yes
<b>External Reader Support</b>	Yes (MATRIX and 3rd Party)
<b>External Reader</b>	Interface <ul style="list-style-type: none"> <li>• RS232</li> <li>• Wiegand</li> </ul> Power <ul style="list-style-type: none"> <li>• 12VDC @ 0.5A</li> </ul> LED and Buzzer Control <ul style="list-style-type: none"> <li>• Allowed - GREEN LED</li> </ul>
<b>Wiegand</b>	Yes (Selectable IN/OUT) IN: 26 Bit format OUT: Configurable
<b>Door Lock Relay</b>	Yes (30VDC @ 2A, Dry Contacts NO/NC/COM)
<b>Door Lock Power</b>	Internal PoE Power: 12VDC @ 0.250 A Internal Adapter Power 12VDC @ 0.5 A External Power 12VDC @ 2A

## INSTALLATION

<b>Wall Mount</b>	Yes - Plastic Back Cover with Screws
<b>Flush Mount</b>	Yes - Metal Bracket with Screws

## ACCESSORIES

<b>Power Adapter</b>	12VDC @ 2A (CE, FCC, UL, BIS)
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## ABOUT MATRIX

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization the company is committed to keep pace with the revolutions in the Security and Telecom industries. With around 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like Video Surveillance Systems - Video Management Software, Network Video Recorder and IP Camera, Access Control and Time-Attendance Systems as well as Telecom Solutions such as Unified Communications, IP-PBX, Universal Gateways, VoIP and GSM Gateways and Communication Endpoints. 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 2,500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products.



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