COSEC ARGO FACEI

Redefining Facial Recognition Technology

CREDENTIAL SUPPORT

Human Face	Yes
PIN	Yes
Card	HID i-class, HID Prox, EM Prox & 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	Face Recognition Terminal
	Enrolment Station
	Upload Images
	Exception Faces

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

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

CAMERA

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

COMMUNICATION

Ethernet	Yes (10/100 Mbps - 1 port)
PoE	Yes (IEEE 802.3 af)
WiFi	Yes (802.11 b/g/n)
3G/4G/LTE	Yes (Additional USB Modem)
BLE	Yes (Version4.2) (8m Range)
USB	Yes (USB 2.0)
	Micro USB-Type B

INTERFACE

Exit Switch Interface	Yes
External Reader Support	Yes (MATRIX and 3rd Party)
External Reader	Interface
	• RS232
	• Wiegand
	Power
	• 12VDC @ 0.5A
	LED and Buzzer Control
	• Allowed - GREEN LED
	• Buzzer
Wiegand	Yes (Selectable IN/OUT)
	IN: 26 Bit format
	OUT: Configurable
Door Lock Relay	Yes (30VDC @ 2A, Dry Contacts NO/NC/COM)
Door Lock Power	Internal PoE Power: 12VDC @ 0.250 A
	Internal Adapter Power 12VDC @ 0.5 A
	External Power 12VDC @ 2A

INSTALATION

Wall Mount	Yes - Plastic Back Cover with Screws
Flush Mount	Yes - Metal Bracket with Screws

ACCESSORIES

Power Adapter	12VDC @ 2A (CE, FCC, UL, BIS)

Due to continuous technology upgradations, product specifications are subject to change without notice.

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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