COSEC ARGO FACE Contents Know your COSEC ARGO FACE 3 What your Package Contains 7 Preparation for Installation 7 Installation Instruction - Wall Mounting 9 Installation Instruction - Flush Mounting 15 Connecting the Cables 21 Configuring the Settings from ARGO FACE 24 Technical Specification 33 Please read this guide first for correct installation and retain it for future reference. The information in this guide has been authenticated at the time of publication. However, Matrix Comsec reserves the right to make changes in product MATRIX design and specifications without prior notice. SECURITY SOLUTIONS



Pre-Installation Safety Instruction

1. Do not install the device in extremely hot temperature or under direct Sunlight on turnstile or at extra bright places. This may affect the LCD and Camera sensor of device. You can do indoor installation or on the turnstile under the roof as shown in **Figure 4**.



2. You can mount the device on a flat surface such as a wall or near the elevator, close to the access point (door) with surface wiring or concealed wiring as shown in **Figure 5**.

3. Recommended height of the device from ground level is upto 120cm-130cm maximum as shown in **Figure 6**.

4. Minimum recommended distance of the user's face from the camera of the device is 30cm while maximum recommended is 120cm as shown in **Figure 6**.

Figure 5

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5. Do not install on unstable surfaces, near volatile inflammable materials, areas where volatile gas is created, where ferromagnetic field or noise is induced, where static is created, such as desks made of plastics, carpets.

6. As Device is IP65* certified, it is dust and splash proof but direct contact of water droplets on lens can affect the FR performance of the device, hence do not install the device in outdoor areas which may be exposed to rain. You can do indoor installation or on the turnstile under the roof as shown in **Figure 7**.



Built In Cameras

- For providing efficient Face Recognition, two Cameras are used in COSEC ARGO FACE.
- These Cameras are 2MP with Focal length of 2.8mm. The Cameras detect liveness and capture user images. The captured image is used to identify user for Time and Attendance Management.

What your Package Contains

- 1) COSEC ARGO FACE Unit
- 2) Flush Mounting Plate
- 3) Wall Mounting Plate
- 4) Four Screws M5/25
- 9) EM Lock Cable 10) External Reader Cable

7) Power Adapter 12VDC,2A

8) Power Supply Cable (with DC Jack)

- 5) Four Screw Grips 6) Overswing Diode
- 11) Flush Mounting Template

Preparation for Installation

Before Wall Mounting and Flush Mounting of COSEC ARGO follow below instructions.

- Remove the mounting screw from mounting screw hole at the bottom of device as shown in **Figure 2**. The screw will be required to fix the device after Wall Mounting or Flush Mounting.
- Slide the back plate downwards to unlock the device from the • mounting hook and then remove it by pulling it outwards. This back plate servers as the Wall Mounting plate. For details see Installation Instructions for Wall Mounting.

The Flush Mounting plate is available in the package. This plate will be . required for Flush Mounting of COSEC ARGO FACE. For details see Installation Instructions for Flush Mounting.

Wall Mounting: Select a location. It must be a flat surface such as wall, close to the access point (door).

Flush Mounting: Select a wooden door or a location where the duct can be made. The rectangular duct has to be made in the wooden door in which Flush Mounting plate will be installed.

For Concealed wiring in Wall Mounting/Flush Mounting, first draw out sufficient length of the cables from the hole of the mounting plate.

For **Non-concealed wiring** in Wall Mounting; the knock -out area has to be removed from outside by pressing on the bottom duct as shown in Figure 2.

The connection of EM Lock must be done using the diode for Back EMF protection.

This product has a battery, BAT 3V 6.5 MAH LI-ION of Seiko Instruments Inc. : MS920T.



Risk of Explosion if Battery is replaced by an Incorrect Type. Dispose of Used Batteries According to the Instructions.



Risque d'explosion si la batterie est remplacée par un type incorrect. Mettre au rebus les batteries usagées selon les instructions.





















- If you enable the Auto Add New Devices check box in the Server (Admin Module > System Configuration > Global Policy > Device) the device will be added automatically. You can also add the device later manually. The Status will be online only if the Device is added in the Server.
- Make sure the Monitor Service is running.

Configuring the Settings from ARGO FACE Web Page

- Open the Web Browser in your computer.
- Enter the IP Address of the COSEC ARGO FACE, default: <u>http://192.168.50.1</u> in the address bar of the browser and press the Enter key on your computer keyboard.
- The Login page appears as shown in Figure 34. Enter the default User Name as Admin. You need to set the password, hence enter the desired password in New Password and reenter the same in Confirm Password.
- Click Login.

Click Basic Profile and select the	desired Server Co	onnection –
COSEC CENTRA or COSEC VYOM	, see Figure 35 .	

Figure 35

iettings	- *	Basic Profile						
Basic Profile								
LAN Settings		Connectivity Status	via Ethernet					
Wi-Fi Settings								
Mobile Broadband Settings	5	Door Type	Direct Door COSEC CENTRA		Firmware Version	V01F	V01R01.00 (Jun 8 2021 - 17;53:33) Jun 08 2021 - 17;57:15	
Bluetooth Settings Server Settings	_	Server Connection			Firmware Upgrade Ti	ime Jun 0		
	- 1		COSEC CEN	TRA	System Up-Time	0 day	ys 0 hrs 13 mins	
	_				Library Version	1.0.0		
ICC Settings					Camera App Version	1.0.0	E.	
Face Identification Settings				QA Release	COSI	EC_ARGO_FACE_SWQA_1		
Date-Time Settings		Submit Can	cel					
Cafeteria Settings								
Vulti Language Support	- 1	Readers						
Readers Parameter		Readers	Mode	Config	ured Reader	Detected Re	eader	
005	_	Internal - Card	Entry	EM Prox Reade	 Inactive 	MFare -U Rea	ader	
-y-	- 1	External - Card	Exit	None		None		
System Parameter		External - BIE	Exit	None		None		

· Click Server Settings.

For COSEC CENTRA

- Enter the COSEC Server Address and Port in URL, see Figure 36.
- Click the Submit button, the Web Server URL (Address) will be fetched automatically. If required change the URL and Directory Name as per your Server Settings.

Figure 34

_				_	
	User Name	Admin	~		
	New Password				
	Confirm Password				
	L	ogin			

Settings Basic Profile	Server Settings - COSEC CENTRA	Settings Basic Profile	Server Settings - C	OSEC VYOM
Basic Profile LAN Settings		Basic Profile		
	This will be used to communicate with Monitor Service	LAN Settings	This will be used to communica	ite with Monitor Service
Wi-Fi Settings	Connectivity Status ovia Ethernet	Wi-Fi Settings	Connectivity Status	🔵 vis Ethernet
Mobile Broadband Settings	_	Mobile Broadband Settings		
Bluetooth Settings	Encryption (SSL)	Bluetooth Settings	Encryption (SSL)	device matrix and com 15025 101 168 11 125
Server Settings	Configuration O Basic Custom	Server Settings	Tenant ID *	2
CCC Settings	URL - 192.108.103.88 11000	CCC Settings	Redirected Server	191.168.11.135 11009
Face Identification Settings	License Server	Face Identification Settings	Web Server	
Date-Time Settings	Connectivity Status Disconnected	Date-Time Settings	Encryption (HTTPs)	10
Cafetoria Settings	License Dongle 🗧 Unavailable	Cafeteria Settings	Interface Selection	 Auto O Manual
Multi Language Support	URL 192.168.50.100 15025 🕅	Multi Language Support	Network Interface	Ethernet 👻
Produce Deservation	Web Server	Logs	URL	device.matrixvyom.com 80 191.168.11.135
Neaders Parameter	Encryption (HTTPs)	Manage	Directory Name Request Retry Timer (min)	10 ①
Logs	Interface Selection O Auto O Manual	View	•	
System Parameter	Network Interface Ethernet _		Submit Cancel	Default
Manage	VRL 192.168.103.88 80			
View	Bequest Retry Timer (min) 10			
System Test				
Auto System Test	Submit Cancel Default			
System Info				
 For COSEC VYOM Enter the Tena Click the Subm Directory Nam which cannot b 	nt ID , for example see Figure 37 . nit button, the Web Server URL (Address) and ne will be fetched automatically from the Server be modified, see Figure 37 .			

	T I I I A 10 11
	Technical Specification
Event Buffer	5,00,000
Input Power	12V DC @2A and PoE
Credential Support	Face, PIN, Card, BLE, QR Code
Reader Power Output	Max 12V DC @0.250A
Reader Interface Type	RS 232 and Wiegand
Door Lock Relay	Max 30V DC @2A
Door Lock Power	POE Power: 12VDC@0.250A Adapter Power: 12VDC@1.0A
Built In PoE	PoE (IEEE 802.3 af)
Display	3.5 inch Capacitive IPS touch screen with Gorilla glass 3.0; Resolution: 480x320 pixels (HVGA)
User Capacity	50,000
Communication Port	Mobile Broadband, Ethernet and WiFi

Technical Specification						
Yes (IEEE 802.11 b/g/n)						
Yes						
Yes						
Yes (Additional USB Modem / Dongle)						
erating -10 °C to +50 °C						
186mm x 74mm x 50mm (Wall Mount) 186mm x 74mm x 16mm (Flush Mount)						
0.550 Kg (Product Only) 1.2 Kg (Product with Accessories)						
RF Option(Card	I)					
ARGO FACEM	ARGO FACEI					
MIFARE [®] / Desfire / NFC	HID I Class, HID Prox, EM Prox and Desfire/ NFC/ MIFABE®					
	Technical Specifica Yes (IEEE 802.11 b) Yes Yes (Additional USE -10 °C to +50 °C 186mm x 74mm x 9 190 x					

FCC Compliance

This device complies with part15 of the FCC rules. Operation is subject to the following two conditions:

 This device may not cause harmful interference.
 This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits of Class A digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Warning

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

 $\ensuremath{\mathbf{2}}$. This equipment complies with RF radiation exposure limits set forth for an uncontrolled environment.

3.This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

Warning

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CE ROHS FCC

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Disposal Of Product After End-Of-Life WEEE Directive 2002/96/EC

The product refered is covered by the waste Electrical and Electronic Equipment (WEEE) directive and must be disposed of in a responsible manner.

At the end of product life cycle; batteries, soldered boards, metal components and plastic components must be disposed through recyclers.

If you are unable to dispose-off the products or unable to locate e-waste recyclers, you may return the products to Matrix Return Material Authorization (RMA) department.

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Warranty

Limited Warranty. Valid only if primary protection is provided, mains supply is within limit and protected, and environment conditions are maintained within product specifications. Complete warranty statement is available on our website: www.matrixcomsec.com



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