

COSEC COGNIFACE EBS200



Quick Installation Guide



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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 design and specifications without prior notice.

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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.matrixaccesscontrol.com

Know your COSEC COGNIFACE EBS200

- COGNIFACE EBS200 is an Embedded Server which stores User Face Templates and works as a Local Identification Server (IDS).
- COSEC Device captures video streaming from MATRIX IP Camera using MJPEG profile and sends images to COGNIFACE EBS200. COGNIFACE EBS200 will process those images and detect faces.
- COGNIFACE EBS200 identifies the users and gives respective updates to the COSEC Devices.

COSEC COGNIFACE EBS200: Figure 1



COSEC COGNIFACE EBS200: Figure 2



COSEC COGNIFACE EBS200: Figure 3

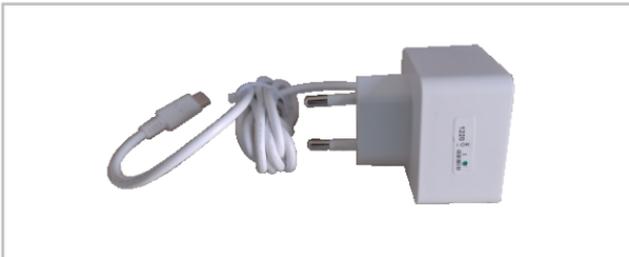


What your Package Contains

1) COSEC COGNIFACE EBS200 with Memory Card



2) Power Adapter



Prerequisites for Installation

Before installing COSEC COGNIFACE EBS200, below is the list of Devices required to set up COSEC COGNIFACE EBS200 for Face Detection.

IP Camera: Matrix Dome Camera or Matrix Bullet Camera for live video streaming.

COSEC Device: VEGA FAX, VEGA CAX, VEGA FOT, Door FMX or COSEC ARGO to capture video streaming from IP Camera and send images to COSEC COGNIFACE EBS200.

Network Switch: To connect all three devices.

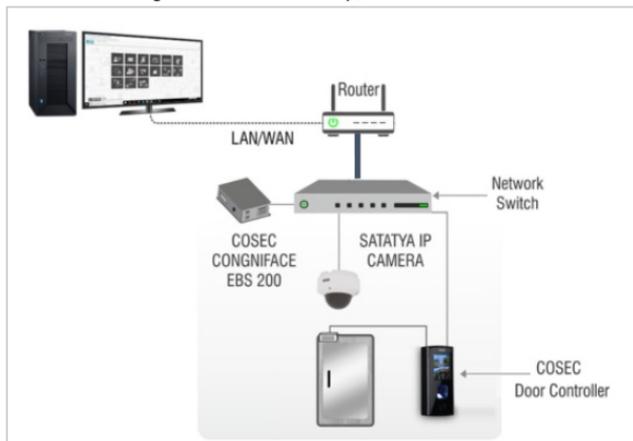
Router: To connect Network Switch with respective Web Servers of IP Camera, COSEC Device and COSEC COGNIFACE EBS200 for their configuration settings.

Installing COSEC COGNIFACE EBS200

Follow the steps given below to install your COSEC COGNIFACE EBS200 for appropriate face detection.

- Connect all three devices to the same Network Switch for inter device communication.
- Connect the Network Switch to the Router to which the Web Server is connected via LAN/WAN.

Refer below image for connection setup,



Configuration Settings

1) IP Camera Settings

Default Camera IP Address is **192.168.1.126**.

- Login as **admin** and click **Configuration >> Basic Settings >> Stream Profiles**.
- Select Stream Profile - 4.
- Set ROI as per Installation Location.
- Set Bit Rate and FPS as shown below,

Stream Profiles

Profile No.

Name *

Codec

Resolution

Bit Rate Control CBR VBR

Bit Rate

FPS * (1-30)

Audio

ROI

Profile No.	Status	Profile Name
1	Active	Main Stream
2	Active	Sub Stream
3	Active	MJPEG
4	Active	Profile 4

2) COSEC Server Settings

- Login as **sa (System Administrator)** and configure the following:
- Click **Device Configuration >> Identification Server >> Settings**.

a) IP Camera Profile URL Settings

- Under Face Recognition, enter the following URL in the **IP Camera MJPEG URL** text-box in the format as shown below.

http://IP_OF_CAMERA/matrix-cgi/mjpeg?profile-no=4

Settings

Face Recognition

Enable FR

Face Capturing Tap & Go

Enable Time Out

Free Scan Time Out (Sec) 30

IP Camera MJPEG URL
Note: Mention the protocol in URL.

User Name

Password

- Enter the **User Name** and **Password** of the IP Camera.

b) FR Server Settings

- Under Face Recognition, select the **Enable FR** check box.
- Select **FR Mode** as **Local**.
- In **Server Address** enter 192.168.50.2(Default IP of COSEC COGNIFCE EBS200).
- In **Server Port** enter 12000 (Default Port).

Settings

Face Recognition

Enable FR

Face Capturing Tap & Go

Enable Time Out

Free Scan Time Out (Sec) 30

IP Camera MJPEG URL
Note: Mention the protocol in URL.

User Name

Password

FR Mode Local

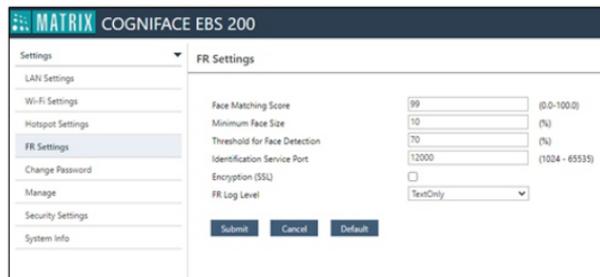
Server Address * 192.168.50.2

Server Port * 12000

Identification Time-Out Duration (Sec) 4

3) COSEC COGNIFACE EBS200 Server Settings

- Enter the IP address, default: **192.168.50.2** in the address bar of the browser and press the Enter Key on your computer keyboard.
- The Login page appears.
- Select the User Name as **Admin**.
- You need to set the password, hence enter the desired password in **New Password** and re-enter the same in **Confirm Password**.
- Click Login.
- Click **FR Settings**.
- You can set the value of the parameters as per your requirement.



Reset the COSEC COGNIFACE EBS200

Follow the below steps to reset COSEC COGNIFACE EBS200,

- Create a blank notepad file with name '**reset.txt**'.
- Copy the created notepad file(reset.txt) to the USB drive.
- Connect this USB drive to the USB port of the COSEC COGNIFACE EBS200 and then Reboot the board.

Disposal Of Product After End-Of-Life

WEEE Directive 2002/96/EC

The product referred 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.

Compliance

CE FCC



MATRIX COMSEC

Head Office

394-GIDC, Makarpura, Vadodara - 390010, India

Ph: (+91)1800-258-7747

Email: Support@MatrixComSec.com

Website: www.matrixaccesscontrol.com