
SUITE WEB

“List of used ports”

Summary:

Collection of WEB of access control.

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1 List of Ports SIRAM WEB

Listed below are the SIRAM applications installed on the workstation or PC and the ports to which they are connected:

1.1 Siram OCR – SiramN.exe

SiramN.exe: This program manages the real-time video from the camera, receives the trigger from the CONEX control electronics and sends the result of the OCR to the Backend. It is also in charge of communicating with the CONEX or AXIS control electronics to open a relay. There are as many SiramN.exe as cameras installed.

The ports of the camera to which it is connected are:

SiramN → Camera	80
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SiramN.exe executables connect to the backend via http communications:

SiramN.exe (OCR) → Backend	8080
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The OCRs also communicate with the SiramCTRLs, with the control electronics (CONEX) or with the camera relay (if the camera has one) to give the relay opening signal:

SiramN.exe (OCR) → SiramCtrl1	22301
SiramN.exe (OCR) → SiramCtrl2	22302
SiramN.exe (OCR) → SiramCtrl3	22303
SiramN.exe (OCR) → SiramCtrl4	22304
SiramN.exe (OCR) → SiramCtrl5	22305
SiramN.exe (OCR) → SiramCtrl6	22306
SiramN.exe (OCR) → Conex	2101
SiramN.exe (OCR) → Camera	80

1.2 SiramCtrl

SiramCtrlN: This program is connected to the I/O electronics that we call CONEX and it is the one that transmits to the OCR (SiramN) the trigger each time a vehicle drives into the loop. The same way as the OCR, there are as many SiramCtrl executables as there are CONEX electronics installed.

SiramCtrlN → Electrónica CONEX	2101
SiramCtrlN → Siram1.exe (Siramport)	22201
SiramCtrlN → Siram2.exe (Siramport)	22202
SiramCtrlN → Siram3.exe (Siramport)	22203
SiramCtrlN → Siram4.exe (Siramport)	22204
SiramCtrlN → Siram5.exe (Siramport)	22205
SiramCtrlN → Siram6.exe (Siramport)	22206
SiramCtrlN → Siram7.exe (Siramport)	22207
SiramCtrlN → Siram8.exe (Siramport)	22208
SiramCtrlN → Siram9.exe (Siramport)	22209
SiramCtrlN → Siram10.exe (Siramport)	22210
SiramCtrlN → Siram11.exe (Siramport)	22211
SiramCtrlN → Siram12.exe (Siramport)	22212

1.3 Relay-opening camera

In case of having a camera with I/O control, it is possible to configure the camera to send the presence of the vehicle to the OCR:

Camera → SiramN.exe	22500
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1.4 Backend

El Backend is in charge of listening to the requests from OCRs and web browsers to provide and store the necessary information and connecto with the MYSQL database.

Backend → BBDD Mysql	3306
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1.5 Frontend (client WEB)

The browsers that connect to the SIRAM WEB communicate with the backend via http requests in order to retrieve all the data to be displayed.

Frontend → Backend	8080
Web browser → Web server (to retrieve the web page)	8000



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