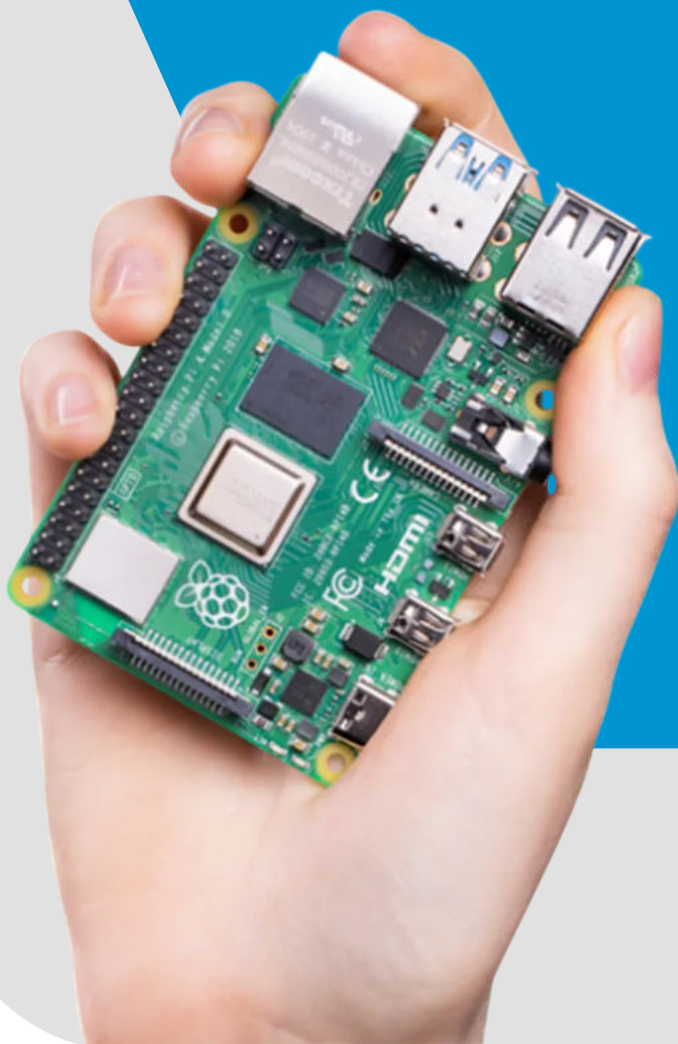




SIRAM ACCESS BERRY

Smart LPR-based vehicle access control

COMPACT & EFFICIENT

KEY FEATURES



Real-Time Management

Vehicle access and monitoring from anywhere.



White/Black Lists

Full control over authorized user groups.



Time Slots

Set up daily or weekly schedules.



Slots Management

Assign a number of parking spots to each authorized group.



Historical Data

Multiple filters for searching (date/time, license plate, lane...)



Panel Integration

Display available parking spaces in real time.

WHY CHOOSE ACCESS BERRY?

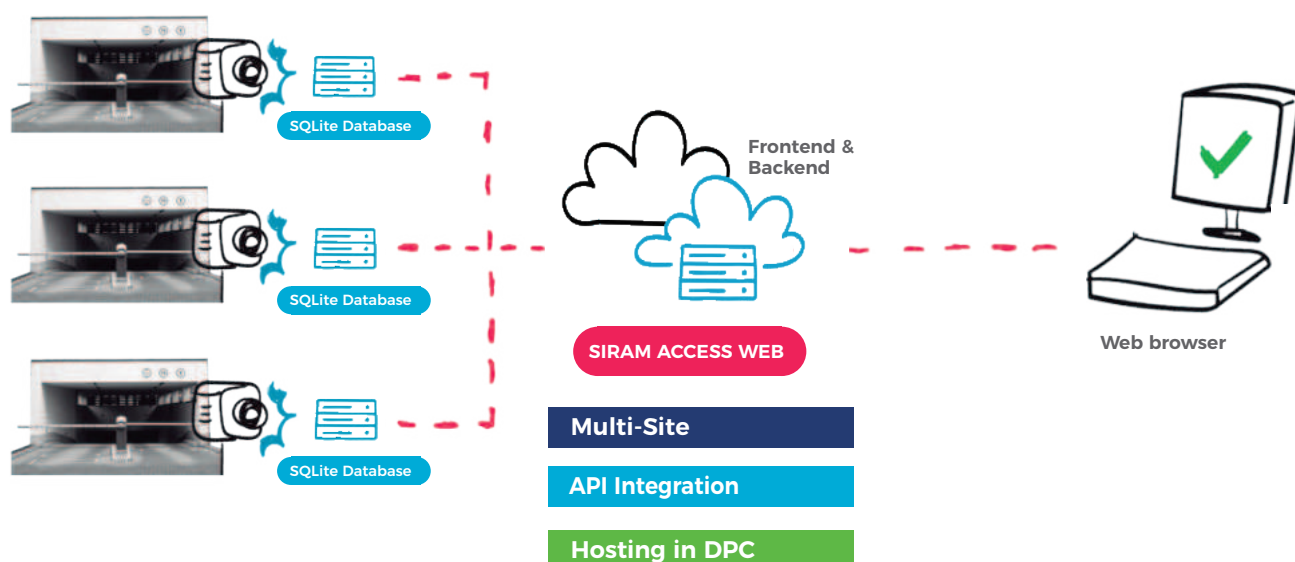
- **Compact & Powerful:** Ultra-compact technology.
- **Intuitive Web Management:** Access from any browser.
- **Plug & Play:** Quick and easy installation.
- **Maintenance-Free:** No periodic servicing required.
- **Cost-Effective:** Advanced technology at the best price.
- **Autonomous:** Works without network connection.
- **Compatible:** Ideal for Wiegand-based systems.
- **Real-Time Monitoring:** View vehicles live and access historical records.



SIRAM ACCESS BERRY

The intelligent automatic license plate recognition system (SIRAM) allows for the automatic identification of vehicles accessing different types of parking facilities, controlled access areas, or traveling on specific roads. The system records each traffic event in a log with the following data: recognized license plate, date and time of the event, the road where the event occurred, and the associated image.

SIRAM ACCESS is a valuable tool in matters related to the security of individuals and property, traffic management, and the control of access to restricted areas or urban areas.

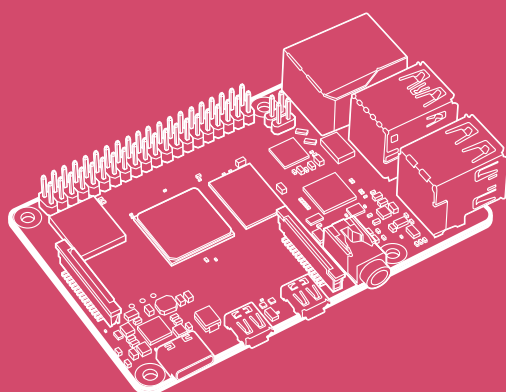


SYNC PROCESS OPERATION

- ⚙️ **BACKEND > CAMERA:** Whenever there is a modification of authorized users for the lane or changes in its operational logic.
- ⚙️ **CAMERA > BACKEND:** Every movement of authorized users at the access point is reported to the central database of the system for later reference. In case the attended mode is activated, access incidents are also communicated, which can be resolved in real-time through the web browser.



Raspberry Pi 4 Model B



Processor:	Broadcom BCM2711, quad-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.8GHz
Memory:	1GB, 2GB, 4GB or 8GB LPDDR4 (depending on model) with on-die ECC
Connectivity:	• 2.4 GHz and 5.0 GHz IEEE 802.11b/g/n/ac wireless LAN, Bluetooth 5.0, BLE • Gigabit Ethernet • 2 × USB 3.0 ports • 2 × USB 2.0 ports.
Video & sound:	• 2 × micro HDMI ports (up to 4Kp60 supported) • 2-lane MIPI DSI display port • 2-lane MIPI CSI camera port • 4-pole stereo audio and composite video port
Multimedia:	H.265 (4Kp60 decode); H.264 (1080p60 decode, 1080p30 encode); OpenGL ES, 3.0 graphics
SD card support:	Micro SD card slot for loading operating system and data storage
Input power:	• 5V DC via USB-C connector (minimum 3A1) • 5V DC via GPIO header (minimum 3A1) • Power over Ethernet (PoE)-enabled (requires separate PoE HAT)
Environment:	Operating temperature 0–50°C