POMA

LIFE R'way
Low impact for environment

SIVAO Cabin

SIVAO Cabin is an operating assistance system that analyses the occupancy of each cabin using proven video image processing technology.

bluecime La FRENCH TECH COMPATIBLE skadii COMPATIBLE

Ensures a safe number of passengers per cabin

Evacuation assistance

Simple, reliable, robust

Tried and tested since 2019

99.5% accuracy for detecting and counting passengers

Reliable in all weather conditions

Compatible with SKADII

2 patents

SIVAO Cabin is a camera-based operating assistance system that automatically analyses cabin occupancy in real time at the end of loading.

Thanks to a computer equipped with artificial intelligence, it can detect the number of passengers in the cabin and raise an alert about any abnormal situations.

Its counting system is also useful for obtaining periodic flow statistics or knowing the distribution of passengers on the line in the event of an evacuation.

Product Performance

Safety Performance

Compatible with new and existing ropeways
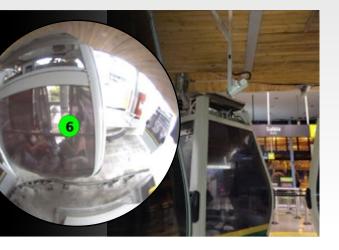
SIVAO Cabin

FEATURES & BENEFITS

❯ **Safety of users while loading**
- SIVAO Cabin counts the number of passengers per carrier and ensures that the authorised maximum is not exceeded when exiting the station
- Option of real-time access to images transmitted by the high-definition camera

❯ **Passenger counting and evacuation assistance**
- The system gives the real-time distribution of passengers on the line and links each carrier with the photo taken by the camera when it exits the station
- This makes it possible to check that all the cabins are empty at the end of the service or target the carriers to be prioritised in the event of an evacuation
- The system counts the number of passengers per carrier and calculates the actual passenger flows in cabins throughout the operating period (daily, monthly, annual statistics)

❯ **Web interface for visualisation and analysis**
- SIVAO Web provides a real-time display of the status of a cabin based on measured data (actual passenger flow, carrier photos). It assists the ropeway system operator during operation and evacuation
- SIVAO Web provides an overview of data from the equipped fleet
- SIVAO Web data can be used in SKADII
- Configurable system for sending notifications on the fleet status by text message or email
- Near-instant detection of roller blockages

ENVIRONMENT

❯ **Raw materials and eco-design**
- Developed and integrated in France
- One single camera per loading area

❯ **Manufacture:** assembled in France (AURA)

❯ **On-site construction and assembly**
- System adaptable to all cabin configurations
- Installed locally by POMA or BLUECIME teams

❯ **Use**
- Reduced energy consumption through the combination of SIVAO and ECODRIVE solutions allowing the ropeway system speed to be adjusted according to queue length and the actual carrier occupancy rate
- Maintenance limited to occasional cleaning of the camera
- Remote troubleshooting possible