



BioSurveillance

FACIAL RECOGNITION FOR NON-CROWDED ENVIRONMENTS

BioSurveillance is a facial recognition solution especially designed for the simultaneous identification of subjects.

Herta's essential solution, BioSurveillance, detects multiple faces in real-time, incorporates on-the-fly video enrollment, identifies previously trained individuals, and facilitates run-time management of alarms and individuals.

This technology **yields excellent performance despite partial occlusions of the face**, use of glasses, caps, changes in facial expression, difficult illumination conditions and moderate rotations of the face.



FEATURES

- Fully automatic and **non-invasive technology**
- Supports changes in facial expression, lighting and presence of glasses, beards, scarves or caps
- Ability to **register subjects** from one or several photos and videos
- **Mask detection**
- Integration **API** available
- Compatibility with BioMarketing and BioMaster

ID MANAGEMENT

- Automatic subject enrollment
- Up to 5 different watchlists
- **Runtime alarm management**, highly tunable
- Compact, flexible system with multilingual management
- Alarms can be exported and visualized on mobile devices

Technical Data

Type of identification	Contactless, at a distance, on the move for ≤ 5 faces.
Performance	Up to 600 fps in 1080p HD videos.
Database Size	Up to 50,000 subjects.
Maximum resolution	UHD - 8K cameras.
Resolution for detection	Faces from 10 pixels interocular distance (IOD).
Resolution for recognition	Faces from 24 pixels IOD, 50 pixels recommended.
Resolution for enrollment	Faces from 75 pixels IOD recommended.

Contact

+34 936 020 888	Barcelona (Spain)
+34 918 388 552	Madrid (Spain)
+52 55 47493794	Mexico
+65 8113 9733	Singapore
+59 899 404 101	Montevideo

Information
info@hertasecurity.com
www.herta.ai

