



Research

Herta invests heavily in R&D to ensure a sustainable competitive advantage.

Innovation

Innovation is the key factor in our technological development, resulting in products becoming industry benchmarks.

User-oriented

We believe that the key to success in biometric applications is designing them with the end-users in mind.

Biometric security

Over 10 years of expertise in speech, face, iris and fingerprint recognition. Our expertise also covers multimodality and biometric encryption.

VIDEO SEARCHING

BioFinder is the solution from Herta Security that makes it possible to search for a specific subject, using facial recognition, in one or various recorded videos. By working with GPU architecture, it manages to process at a high speed all the images on the analyzed video.

BioFinder makes it possible to make analyses at speeds faster than real time. In this way it is possible to localize a specific subject much faster than if the video is visualized at its original speed. BioFinder is ideal for forensic analysis or classification of information and, amongst other applications, is used by the police to search for suspects.

SPECIFICATIONS

- Simultaneous recognition in multiple video recordings
- GPU technology, at speeds faster than real time
- Intensive, frame by frame analysis, without omissions
- Supports changes in facial expression and illumination, and the presence of glasses, beards, handkerchiefs or hats
- Capacity to enrol subjects through one or various pictures
- Alarms exportable to PDF format

APPLICATIONS

- Forensic analysis of video recordings
- Automatic classification of information from recordings
- Searches for suspects in large video databases

BioFinder



HIGH SPEED ANALYSIS OF VIDEO RECORDINGS

Type of identification	Face, contactless, at a distance, on the move
Performance	Unlimited recognition of faces on all the video frames
Database performance	One out of 500,000 user search in less than 1 second with a conventional PC
Video capture resolution	High definition
Resolution at detection	Faces larger than 20 x 20 pixels
Resolution at recognition	Faces larger than 70 x 70 pixels, recommended 100 x 100 pixels
Resolution at enrollment	Faces larger than 100 x 100 pixels, recommended 150 x 150 pixels
Face rotation	Optimal up to 30°, either horizontal or vertical



BioFinder makes it possible to recognize subjects in multiple video recordings at speeds superior to real time.



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