

The logo for ai.bio, featuring the lowercase letters 'ai' and 'bio' in a white, sans-serif font, separated by a small orange dot. The background is a gradient of blue and orange with abstract circular shapes.

FACIAL ANALYSIS FOR GENDER, EMOTION, AND AGE RECOGNITION

DISCOVER OTHER PRODUCTS ON
www.aitech.vision



ai•bio

IT IS A VIDEO ANALYSIS APP THAT ENABLES FACE ANALYSIS USING A DEEP NEURAL NETWORK-BASED DETECTOR, FOLLOWED BY FACIAL ANALYSIS AIMED AT RECOGNIZING BOTH STABLE TRAITS (SUCH AS GENDER AND AGE) AND DYNAMIC TRAITS (SUCH AS EMOTION AT A SPECIFIC MOMENT IN TIME). FACE ANALYSIS IS PERFORMED USING AN ADVANCED ARTIFICIAL INTELLIGENCE TECHNIQUE BASED ON MULTITASK LEARNING.

The application also allows for measuring the **amount of time** a person remains in front of the camera. The app requires a camera positioned at a height of approximately 1.80 meters, in order to capture a **frontal view** of people's faces.

DISCOVER OTHER PRODUCTS ON
www.aitech.vision

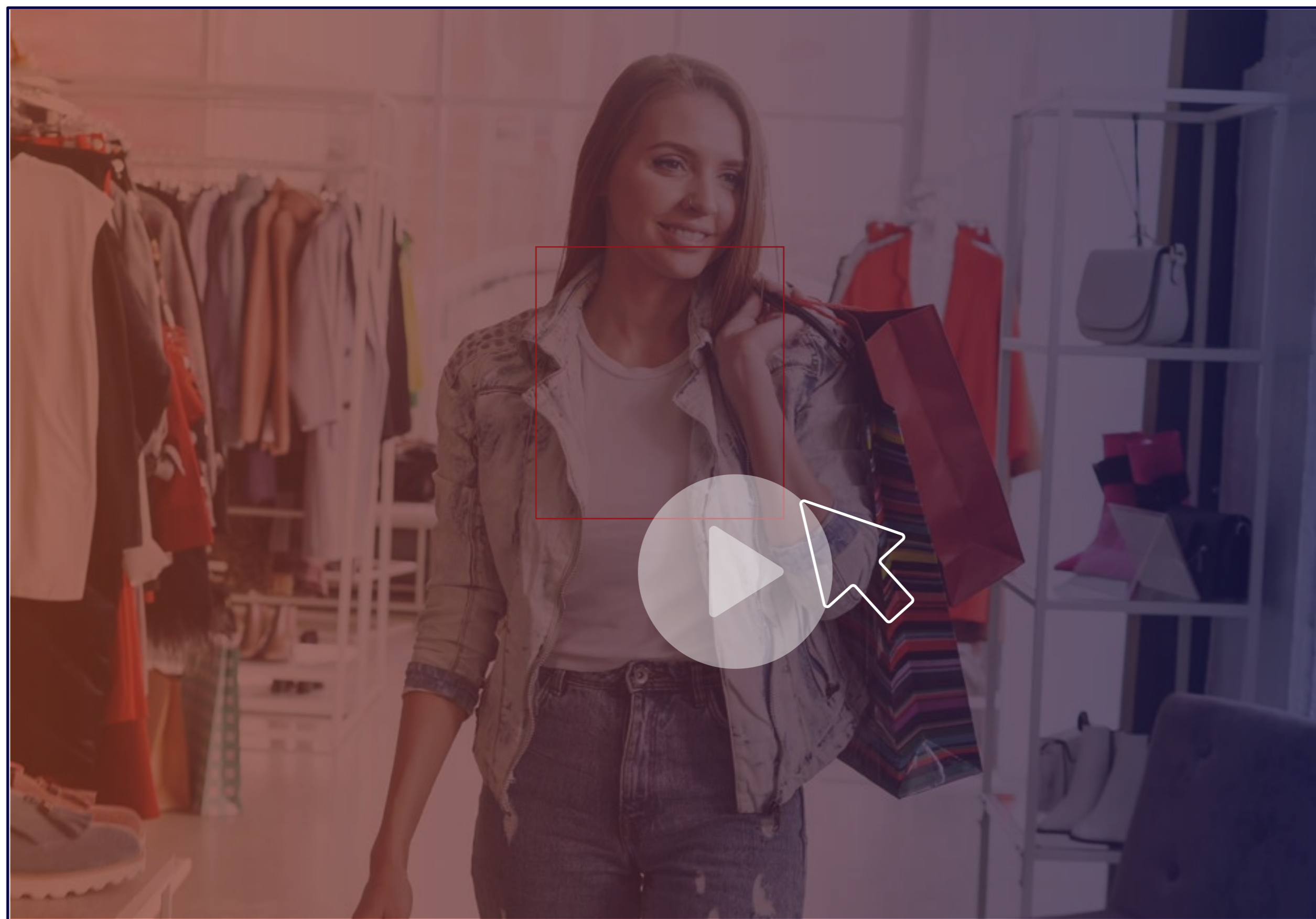


ai.bio is a video analysis solution designed to meet the needs of **marketing**, for example in buildings, museums, restaurants, stores, shopping malls, airports, and parks — but more generally in any context where it is essential not only to know how many people are present in a given area, but also to **understand the characteristics of the clientele**.

This information allows, for example, a retail chain **launching a new product** to identify the most interested target audience and understand their reaction upon seeing the product for the first time.

The application also proves to be a key tool for **Digital Signage**.

By detecting the emotion of the person in front of the screen, it becomes possible to personalize the advertising message, **maximizing the effectiveness of marketing campaigns** and avoiding the sterile repetition of looping video content, evaluating the impact of that specific advertisement.



CLICK **“PLAY”** AND SEE THE DEMO

DISCOVER OTHER PRODUCTS ON
www.aitech.vision



ARCHITECTURE

WHERE CAN I INSTALL THE APP?

Follow the link below for all compatible platforms

[CLICK HERE](#)



INTEGRATION

WHERE CAN WE NOTIFY THE EVENTS GENERATED BY THE APP?

Events can be sent to external servers using over **20 different systems**, which include third-party VMSs, standard protocols (such as HTTP, FTP, MODBUS and MQTT) and also **A.I. Tech proprietary protocols**, which allow the notification of events to the dashboards of A.I. Tech.

[Follow the link for info, CLICK HERE](#)



aitech



Via Tenente Bruno Lombardi 96
Castel San Giorgio, SA



+39 329 60 64 755



info@aitech.vision