



TITAN AI Detect

Advanced Imaging

for Facial Detection and Recognition



The TITAN AI Detect solution has been specifically developed to provide high speed detection or location of a subject-of-interest with extremely high levels of accuracy.

TITAN AI Detect is individually tailored to the client's specific requirements and environments, providing both a state-of-the-art and fit-for-purpose solution.

The TITAN AI Detect high performance solution ensures that the subjects-of-interest can be effectively detected and located quickly and with the minimum of intrusion.

Ultimate **Surveillance**
Solutions





TITAN AI Detect

This unique Advanced Imaging solution utilises the latest Artificial Intelligence, Neural Network and Analytical Techniques to provide high speed, high accuracy facial detection and recognition.

The **TITAN AI Detect** solution, unlike other facial recognition systems, does not use the five or six points of reference methodology and associated algorithms, widely used for biometric access control.

Titan AI Detect processes live real time video, automatically interrogating the image information, detecting and extracting facial data and converting this into a unique code - more than a barcode - more like a DNA signature. This signature is then used for analysis and matching purposes. In most cases the image is then discarded.

The unique detection and extraction algorithm and embedded Artificial Intelligence allows **TITAN AI Detect** to operate at substantially higher speed than a server-based or in-camera edges-based solution.

The sophisticated signature analysis and matching topology provides unrivalled levels of accuracy at a significantly lower cost-of-ownership.

In most applications **Titan AI Detect** provides fast and accurate multi-subject video interrogation from standard High Definition video cameras, enabling the user to utilise existing surveillance and security infrastructure. The solution can also be applied to video streams from mobile and body-worn devices.

TITAN AI Detect is an ideal solution when locating a specific individual such as a lost child, or vulnerable person in a multi-subject environment, crowd or stadium.

Key Applications

TITAN AI Detect provides high speed image analysis developed specifically for applications such as:

- Law Enforcement
- Ports & Airports
- Retail
- Hospitality
- Transportation
- Smart Cities



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The TITAN Portfolio:

Titan Sigma
Titan Vision
Titan Secure
Titan View
Titan Wall
Titan Remote
Titan AI

