



IONETWORKS



## Smart Security Solution MacCarthy Series

### About MacCarthy Series

McCarthy series is a safety monitoring and identification system powered by ioNetworks that adopts AI technology to transform traditional surveillance system into intelligent one. It can judge potential hazards under specific conditions, and be applied to risk management in dangerous areas, such as rooftop, construction site and indoor places. Information can be viewed in real time through the management platform, and notifications can be received through mobile phones, email, tablets or via lights. The complete process flow enhances instantaneous reaction of the site managers against catastrophe.



#### High accuracy and recognition speed

AI deep learning technology - adjustable to achieve higher accuracy in specific environment and various sites.



#### Comprehensive management platform

The platform with high level functionality on interoperability, control, recording, log, and alarm, etc.



#### Rich experience in cooperation

Solution tuned to perfection based on accumulated experience in numerous surveillance projects.

### Contact Us



11F-1, No.108, Minquan Rd.,  
Xindian Dist.,  
New Taipei City 231, Taiwan



+886-2-2218-0545



Support@ionetworks.co



<https://www.ionetworks.co/>



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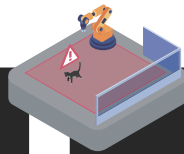
## OUR PRODUCTS

MacCarthy Series product introduction



### EZ Blaze Detection

EZ Blaze Detection with developed AI algorithm identifies smoke and flames and sets out alarm at the initial stage when fire occurs to notify responsible personnel for quick engagement, thus reducing hazard and loss.



### EZ Tripwire Detection

EZ Tripwire Detection uses AI algorithm to judge whether a specific object enters a dangerous area through the setting of the detection region, and gives a warning in time to responsible personnel to avoid injuries and fatalities.



### EZ Wearables Detection

EZ Wearables Detection ensures that every worker literally abides by the construction regulation by identifying whether they wear personal protection equipment, which not only reduces the risk of safety issues, but also assists the proprietors in implementing the site-safety management.



### EZ Face Recognition

EZ Face Recognition combined with access control and attendance system, provides complete functions of time management, access control management, group management, notification, recording, etc. It replaces the traditional identification methods, such as identification card and fingerprint, and reduces the frequency of body contact, eliminates buddy punch, and reinforces access control with high degree of safety measure.

## Solution Features



### Deep learning technology

Each solution has independent AI models that is escalatable to higher accuracy by retraining the models along with changes of the environment.



### Multi-recognition

Capable of identifying multiple objects in one frame.



### Complete SDK & API

Convenient integration with other systems or devices.

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