



Vicon's VAX is the Only Access Control System with Built-in Motion

Vicon's VAX controllers are the only access controller on the market with a **patent pending** integrated PIR/Request to Exit Motion built right into the panel.

The first question for some maybe what is a motion detector and how does it interact in the access control system?

We see motion detectors used in our daily life; most commonly seen above door entrances to stores that allow the door to automatically open as you approach it. It is also used in home and business security alarm systems to detect unauthorized movement. The motion device is referred to as a PIR (Passive Infrared) which detects heat energy given off by humans and/or animals by scanning an area and identifying a heat source that is consistently present.

In access control; a motion detector is often used on the non-reader side of a door to trigger an electrified lock which keeps the door in a locked state. Which then allows the person to leave through the door without having to press or trigger some other form of Request-to-Exit device (like a button).

The market has plenty of access control systems that have the ability to interface with a motion detector. However, these systems all require an external standalone motion detector wired back to the access control panel. This means you have two items to install plus all the additional cabling and required power source.

With VAX integrated motion functionality in an ODM and TDM controller, you are mounting one device at and above the door – the access controller (the brains) and its built-in motion detector. Easier to install, cost efficient and fully-configurable on the software level. No mechanical DIP switches to set and no external power source to power the motion detector is needed.

Not only an innovative concept but saves time and money when installing motion at an access controlled door.