



Readykey Hardware

- Building management functions
- Eight inputs (Four-state supervision)
- Eight Relay outputs (Form C)
- Time delay and pulsed outputs
- Steel case with tamper protection

The Readykey K2015A alarm event manager (AEM) allows the Readykey for Windows system to perform building management tasks by controlling and monitoring other equipment and systems on site.

Up to eight devices may be attached to an AEM and up to four AEMs per K2100 (or two per K1100). As the K2100 already has four on-board relay outputs. By attaching an AEM to each reader channel, each K2100 offers 32 inputs and 36 outputs: For example, a typical application would be an AEM monitoring two fire doors, five windows and a central heating boiler. As fire doors are normally kept closed, a contact installed on the door will activate an input when the door is opened. Windows can also have similar sensors attached, these will also generate an alarm back at the PC.

In an office environment you may expect the windows to be open in the day but to be closed at night. Readykey for Windows can be programmed to only give an alarm condition within a defined time period, for example, 6:00pm to 8:00am when you would wish the office windows to be closed.

The alarm event manager for example, can also act as a simple time switch, so that you can control parking lot lighting. You could also have a light programmed to come on if the system receives an alarm condition, and operate a security camera on a door where an unauthorized access alarm has just been received. By using the system events and output relays the system offers great flexibility for controlling and monitoring:-

- ★ Security Cameras
- ★ Paging systems
- ★ Parking lot lighting
- ★ Flood detection
- ★ Fire doors
- ★ Cold storage or heating equipment
- ★ Climatic detection
- ★ Perimeter defence
- ★ Airlock applications
- ★ Elevator control and monitoring
- and much more...