



GUARDIAN II™

SECURITY IS KEY.™

Datakey®
ELECTRONICS

GUARDIAN II™



THE KEY TO IMPROVED ACCESS CONTROL, ENHANCED SECURITY AND SIMPLIFIED ADMINISTRATION FOR YOUR FACILITIES.

If your facilities are protected by traditional key locks or programmable mechanical lock sets, there's a gaping hole in your access control and security. Relying on these traditional methods to safeguard your properties could be costing you money and compromising the security of your facilities. More than likely, traditional locks are also causing a number of administrative headaches, such as restricting access, duplicating mechanical keys, changing locks, and distributing updated access codes or keys to all of your users.

The key to enhanced security, improved access control and simplified administration for your properties and facilities now fits on a key chain—through the **GUARDIAN II™** from Datakey Electronics.

GUARDIAN II is a **stand-alone** electronic lock controller (doesn't require a computer network) that easily installs at your access points (gates, doors, entrances, etc.), allowing authorized users to take advantage of Datakey Electronics' **re-programmable memory keys** for accessing your facilities. Instead of using a single, widespread security code, users carry a rugged, electronic memory key on their key chain to enter or access your facilities. Security is upgraded from "what you know" (such as a numeric pass code) to "what you own" (a programmable memory key) and the level of security you authorize.

BENEFITS

- **ELIMINATES LOGISTICAL & COST PROBLEMS OF ACCESS CODES & MECHANICAL KEYS:** users access your facilities with their own individual electronic memory key, so you don't have to develop a process for distributing access codes or worry about informing users when codes change. You are in control of key programming on a standard Windows® PC—this significantly reduces your expenses when changes in your system need to be made. **GUARDIAN II** does not require a computer network.
- **SIMPLIFIES ACCESS CONTROL FOR YOUR USERS:** with **GUARDIAN II** you can immediately grant new users access to the doors and gates you specify by programming their keys with the *Instant Access* feature. This lets you program multiple keys from your desk and update the controllers whenever you wish. Every controller can be set to either admit or restrict users. This gives you increased flexibility when setting up your system.
- **ENHANCES SECURITY:** instead of distributing a code that easily can be passed on to unauthorized users (which compromises your facility security) you provide users with unique electronic memory keys to access your **GUARDIAN II**-protected facilities.
- **PROTECTS AGAINST THEFT AND VANDALISM:** with the enhanced security enabled by **GUARDIAN II**, you can reduce expenses incurred through theft or vandalism from unauthorized users.

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HOW DOES IT WORK?

A GUARDIAN II™ controller, which operates on 12-volt AC/DC power, is added to each of your access control points (doors, gates), replacing or complementing your existing mechanical locks or programmable lock sets.

Each authorized user is given a re-programmable electronic memory key programmed by the facilities manager. Datakey Electronics' memory keys are easily programmed using GUARDIAN II software and a reader/writer connected to a PC's USB or RS-232 port. Each key contains data that will identify authorized users' access to specific facilities, entrances or control points.

The user inserts their key into the GUARDIAN II receptacle, and the controller reads and verifies the key's information. If the key is authorized/not restricted, access is granted. A tri-color LED and audible buzzer provide visual and audible indications that confirm whether the user is granted or denied access.

When the controller authorizes access, it activates a timed relay contact that is used to power a door strike or other lock mechanism. After entering the door or gate, the strike relocks and a transaction record of the event is stored in the controllers' memory for reporting purposes. In the event of a power loss, the door strike will either *power fail lock* or *power fail unlock*, depending on the type of strike you select/purchase.

GUARDIAN II FEATURES:

- Easily replaces or complements existing key locks, mechanical programmed lock sets or mag-stripe card systems
- Engineered for rugged environments and harsh operating conditions such as dirt, dust, rain, snow, ice, and more
- Provides flexibility when creating access privileges—user access can be controlled by door, specific groups, date, time, individual users and more

- Keys easily programmed on any Windows 98/NT/2000/XP machine in just seconds
- Event transaction data can be exported from each controller to the PC and reports may be generated in a variety of standard formats

GUARDIAN II COMPONENTS:

- GUARDIAN II door/gate controller with key receptacle and LED
 - Software CD & manual to manage and program keys
 - Key Reader/Writer interface for programming keys
 - High-capacity Admin and Export Keys for transferring data between the PC and the individual controllers



1-800-328-8828

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FREQUENTLY ASKED QUESTIONS (FAQs)

Q. DOES THE GUARDIAN II™ REQUIRE A COMPUTER NETWORK?

- A. No, the GUARDIAN II is a stand-alone door access controller, designed to be easily installed on any door. All you need is a computer to program keys. Information is transferred between the PC and controller using large-capacity administration keys.

Q. HOW DO I INSTALL GUARDIAN II ON DOORS?

- A. Installation requires basic skills. You do need to supply 12V AC or DC power to the controller and furnish an electric strike or other locking mechanism. A face plate and/or enclosure containing the controller are added near the door or gate with security screws and six wires connected (2 for power, 2 for strike, and 2 for “flyback” diode connections). Normal installation is less than an hour. The GUARDIAN II is designed to be a fast and easy system to install and use. The GUARDIAN II can be installed on virtually any gate or door, inside or out.

Q. DOES THE GUARDIAN II REQUIRE ANY MAINTENANCE?

- A. No maintenance service for the controller is required. Electric strikes should be checked periodically for vibration of internal parts or other damage.

Q. CAN I CONTROL ACCESS FOR SPECIFIC PEOPLE?

- A. Yes. The GUARDIAN II puts you in complete control of specific key holders and groups. Controllers can be set up with “Restriction” or “Admission” lists. A Restriction-type controller denies access to Groups or Individuals who are listed. An Admission-type controller, grants access only to the Groups or Individuals listed. This gives you flexibility at each access control point, when setting up your system.

Q. WHAT HAPPENS IF A KEY IS LOST OR STOLEN?

- A. You simply restrict access for lost or stolen keys. A new feature renders a key useless once it has been “harvested” (privileges and data have been removed from the specific key). Once a lost or stolen key is “harvested”, all your controllers will deny access to that key. There is no need to rekey or replace locks, because you can harvest or restrict any key.

Q. WHAT HAPPENS WHEN DATAKEY ELECTRONICS DEVELOPS NEW GUARDIAN II FEATURES?

- A. The GUARDIAN II is designed to have future software updates added to any existing controller by simply inserting an upgrade key. There is no need to remove or replace the GUARDIAN II controller. Your system is engineered for easy future upgrades.

Q. WHERE CAN I INSTALL THE GUARDIAN II?

- A. The GUARDIAN II can be installed on entrance doors, computer/network labs, storage rooms, swimming pool entrances, inventory cages, bathrooms, parking gates—ANY door or gate you want to protect.

Q. CAN THE GUARDIAN II BE ACTIVATED BY A REMOTE SWITCH?

- A. Yes, the GUARDIAN II controller can be wired for activation by a remote switch.



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