

Guardian II

Controllers



The power of control. Automated.

The Guardian II access control system uses a non-networked, distributed architecture, where controllers are located at each controlled access point (door, gate, etc.). All set-up parameters are stored in the controller such that all decisions are made at the access point – allowing or denying access without the need to communicate with a central controller or server. Controller installation only requires powering the controller with 9-12 VAC/ VDC. This truly stand-alone design makes the Guardian II access control system ideal for applications where wired or wireless networks are impractical or impossible.

Guardian II controllers can grant or deny access based on: individual, access point, day, time, group, and other parameters. When a user presents an authorized Guardian II user key, the controller will activate its relay output which can be used to power an electric strike, magnetic lock, gate motor or other lock mechanism (sold separately). Each controller can be set-up differently and each controller can be easily changed/re-programmed whenever needed.

Guardian II controllers are managed using the Guardian II software. The software can manage multiple controllers and additional controllers can be added to the system at any time. Controllers are programmed using a Guardian II admin key which is written to using the G2 Programmer (included with the Guardian II administration kit). Programs for multiple controllers can be written to a single admin key. Controllers are programmed by simply inserting the admin key into the controller and its status is communicated via both audible (controller beeper) and visible (controller LED) feedback.

Guardian II controllers also log an audit trail of all access attempts and their result. Each event is time and date stamped. All Guardian II controllers have a real-time clock that is backed-up by a field-replaceable battery and each controller can log the last 1500 events (on average). Logged controller event data is easily transferred back to the Guardian II software using a Guardian II export key (via the G2 programmer). There is no need to ever carry a laptop or PDA to the controller.

Guardian II controllers are available in five different models making it ideal for any installation. All models share the same functionality, with each model allowing for a different mounting configuration.

MECHANICAL	
User Identification	Rugged, Copy-proof, Guardian II User Keys
Relay Output	(1) Form C, SPDT, 2A @ 30V DC
User Feedback	80 dBA Buzzer & Tri-color LED
Real-time Clock Battery	3V, Field Replaceable
Logged Event Capacity	1500 Records (average)
Re-programmable Firmware	Key Allows Easy In-field Re-programming
Lock Mechanism	Sold Separately (strike, magnetic lock, etc.)
ELECTRICAL	
Required Power	9-12VAC (12VRMS max) or VDC (300 mA)
ENVIRONMENTAL	
Storage Temperature	-40°C to +100°C (-40°F to +200°F)
Operating Temperature	-40°C to +85°C (-40°F to +185°F)
MATING COMPONENTS	
Admin Kit	Includes: Software, G2 Programmer, Export Key, Admin Key, and (5) User Keys
Admin Keys	Guardian II Admin Keys (Gray)
Export Keys	Guardian II Export Keys (Black)
User Keys	Guardian II User Keys – Blue (standard), Red, Yellow, and Green (options)
ORDERING INFORMATION ¹	
G50 Controller	607-0071-000A
G150 Controller	607-0072-000A
G250 Controller	607-0073-000A (Remodel), -002A (Outlet)
G450 Controller	607-0075-000A



G50 Controller

Open construction for mounting in existing enclosures or plates



G150 Controller

Easily mounts in 2" metal door frames



G250 Controller

Installed in single-gang electrical box

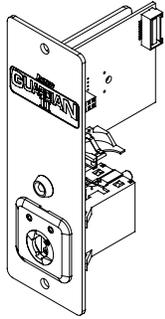


G450 Controller

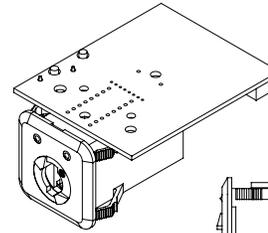
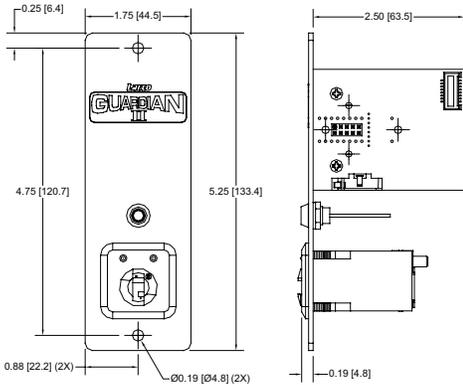
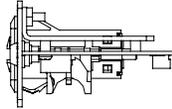
Comes in heavy-duty aluminum enclosure for harsh or rough-use environments



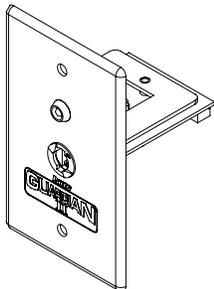
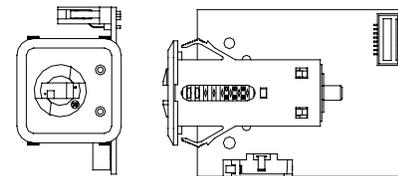
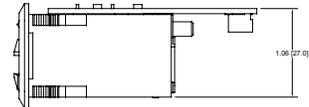
The power of control. Automated.



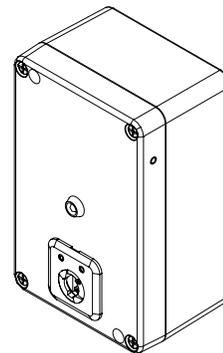
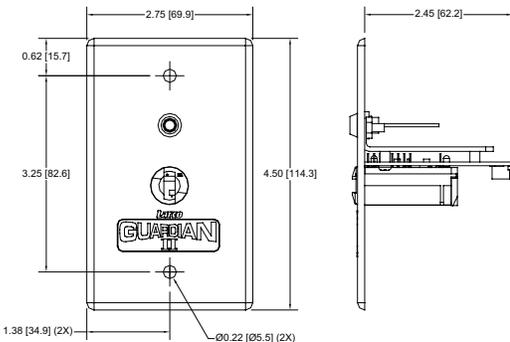
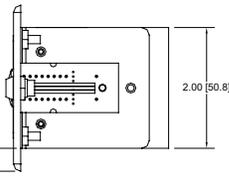
G-150 Controller
Cutout 4-5/16" x 1-9/16"



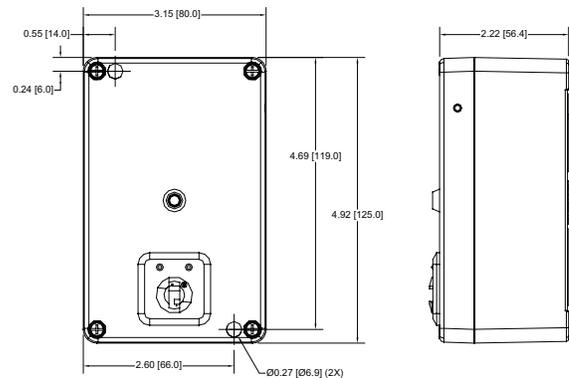
G-50 Controller
Cutout 1" x 1"



G-250 Controller
Faceplate shown is mounted on either a single-gang electrical, remodel box (607-0073-000A) or weatherproof outlet box (607-0073-002A).



G-450 Controller
Optional Front Mounting Plate (sold separately)



221-0184-003 Rev. C 5/19



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

ATEK Access Technologies
10025 Valley View Road, Ste. 190
Eden Prairie, MN 55344 U.S.A.

PH: 1.800.523.6996
FAX: 1.800.589.3705
+1.218.829.9797

www.atekaccess.com



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