

# CENTURION™

RELIABLE ACCESS CONTROL THAT STANDS APART

AN AFFORDABLE ACCESS CONTROL SYSTEM



DESIGNED FOR A BROAD RANGE OF BUSINESS APPLICATIONS



**IDenticard®**  
Now you're secure.

## Reliable. Flexible. Economical.

IDenticard® has made reliable access control simple and affordable for any business with the introduction of Centurion, a stand-alone, two-reader control panel. Centurion is ideal for use in applications requiring access control at up to eight doors.



A stand-alone unit, Centurion is easy to install with minimal wiring. In most instances, it can be placed near the door to be controlled, and can be programmed for stand-alone operation from a laptop computer. Since no connection to a central monitoring PC is needed, you can be flexible in where you install the controllers to accommodate the layout of the building or area that is being secured.

With a range of choices on card reader types, cardholder programming, relay input, alarm activation, and report management, Centurion offers unparalleled versatility in stand-alone access control.

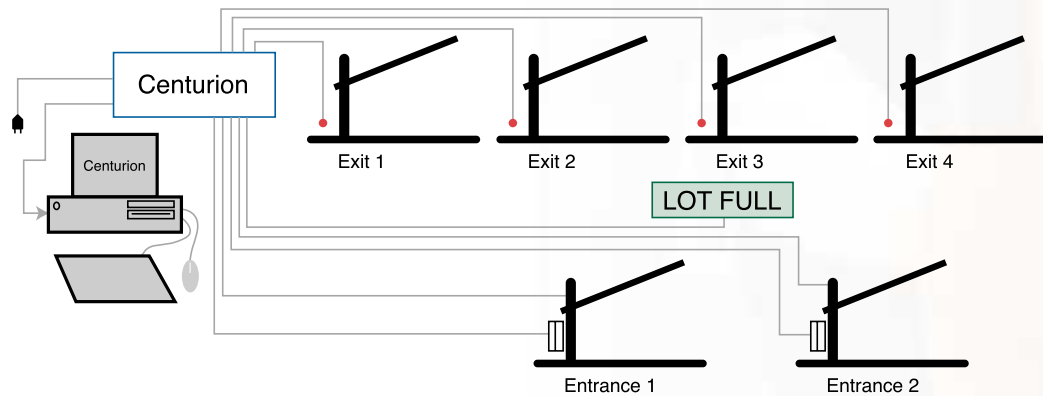
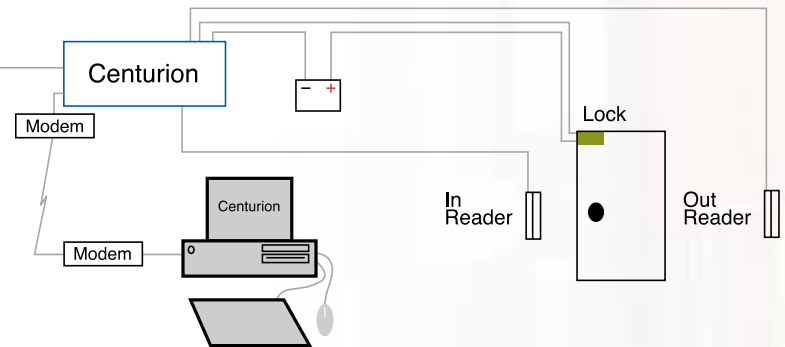
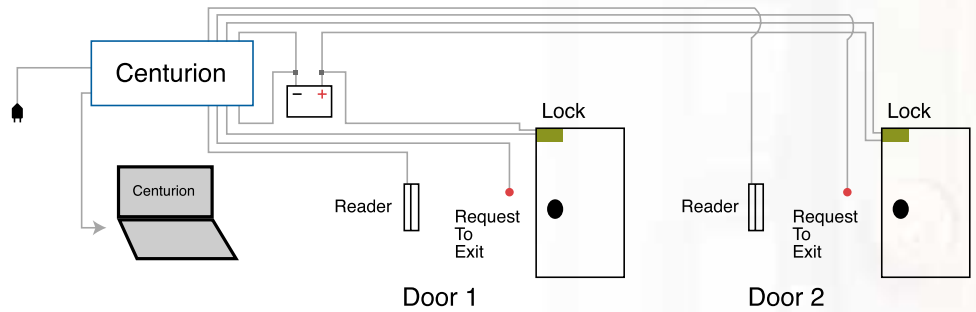


# CENTURION

RELIABLE ACCESS CONTROL

## Sample installations for the Centurion

The versatile Centurion system can be configured in many ways. The three diagrams below represent





### Centurion stand-alone system.

different ways to meet specific security management needs.  
at a few of the most common uses.

#### TWO DOOR

A typical use of the Centurion Panel is to control access through one or two doors, turnstiles, or gates. A single card reader is positioned outside each door to allow or deny access of individuals. A request to exit device (crash bar, palm button, or PIR) is installed on the inside to allow free egress through the door without triggering an alarm condition. Using a laptop computer with the Centurion software, each Centurion panel is programmed with the parameters of the system. The laptop is then disconnected to allow Centurion to work as a true stand-alone access control system. Centurion may also be configured to communicate with the computer through modems to download data changes and upload history.

#### SINGLE DOOR

The Centurion system may also be configured to allow you to control not only who enters the door, but also who exits through the door. A card reader is installed on the inside and outside of the door to be controlled. By installing Centurion in this way, you can take advantage of the antipassback, supervisors rule, two-man rule, and counting features that no other system in its class provides. This configuration may be installed as a stand-alone system or to communicate to the computer through modems.

#### PARKING LOT

Centurion may be used in many applications not normally associated with access control. One example is in a parking lot. By using in and out parking gates and inputting the maximum number of available lot spaces, you can control the traffic flow through your lot. Install card readers at up to two of your entrance gates to restrict access to only those people authorized to use the lot. As each authorized person enters the lot, Centurion adds a car to the lot population. As someone leaves the lot through one of the exit gates, Centurion subtracts a car from the lot population. This may be done stand-alone or connected to a computer through modems.

## Centurion Key Features

- Accommodates up to 2,500 cardholders in panel database
- Compatible with most industry standard readers
- Automatic lock enable/disable
- Time zone controls with override option
- Antipassback
- Latching relay cards
- Parking lot feature that maintains a running total of cards in an area
- Supervisor rule
- Two man rule
- Dial-up modem
- ABA-free access
- Custom Wiegand patterns
- Can control up to four panels
- Multiple site codes associated with card numbers
- Cardholder activation and expiration dates
- Multiple holiday schedule
- RS-485 and Ethernet communication
- ABA site-code only access
- Software skins
- IP-addressability using IDenticard NetLink Converter
- Programming data transferable between PC and panel using Windows® Pocket PC devices



# SPECIFICATIONS

## Centurion Panel

### Certifications

ETL listing (UL294 certification)  
 CSA certification  
 CE certification



### Dimensions and Weight

Enclosure Width 10.5 inches (26.7 cm)  
 Enclosure Height 8.5 inches (21.6 cm)  
 Enclosure Depth 2.0 inches (5.1 cm)  
 Enclosure and Panel Weight 4.35 pounds (1.97 kg)

### Environmental Specifications

Temperature 42°F to 100°F (5.6°C to 37.8°C), operating  
 Humidity 20% to 80% noncondensing, operating and storing  
 Altitude Range -1000 ft to 8000 ft operating, up to 25,000 ft storing  
 (-305 m to 2438 m operating, up to 7620 m storing)

### Power Specifications

Primary Power Transformer Type *North America*  
 Class 2, isolated, low-voltage  
*Europe*  
 User-supplied; must be Class 3 and connected to safety low-voltage source

Primary Power Transformer Input *North America*  
 110-120 VAC, 60 Hz, at 0.10 A  
*Europe*  
 220-240 VAC, 50 Hz, at 0.06 A

Primary Power Transformer Output *North America and Europe*  
 12 VAC, 12 VA, at 1.0 A minimum

Centurion Panel Input Voltage *AC*  
 12 VAC, 50-60 Hz, at 0.75 A maximum  
*DC*  
 12 VDC

Relay Rating 1.0 A at 35 VDC max  
 Card Reader Power 5.3 or 9.6 VDC at 100 mA max  
 Memory Backup Lithium coin cell, 3.0 VDC, type CR1620  
 Fuse Type and Rating 1.0 A, 125 V, user-replaceable, slow-blow, Nano SMF type, Littelfuse P/N 0454001  
 Fuse location FU1, above power-entry plug-in connector TB2

### Wiring Requirements

Power to Centurion Panel  
 RS-232 (for connection to programming device)  
 RS-485 (for connection to programming device)

16-18 AWG. Maximum length: 32.8 feet (10 meters). One four-foot cable connected to the transformer is provided by IDenticard.  
 3-conductor, 22 AWG, stranded, with overall shield. West Penn No. 301. One ten-foot cable with connectors is provided by IDenticard.  
 Twisted pair, 18-22 AWG with overall shield. West Penn No. 291 (22 AWG), West Penn No. 292 (20 AWG), West Penn No. 293 (18 AWG).  
 Maximum cable length: 4000 feet (1219 meters) of wire, total copper, including drops.

### Communications Specifications

To Programming Device RS-232, DTE, via 9-pin male Centurion serial port to PC serial port or to NetLink Converter Channel 2  
 RS-485, via 2-pin Centurion terminal block connector to NetLink Converter Channel 1 or RS-485 Centurion Converter  
 To Dial-Up Modem Modem can be connected via Centurion serial port. See modem manufacturer's instructions for specific connection requirements.

### Access Control Specifications

Relay Pulse Time 0.25 to 255 seconds  
 Door-Position Time 1 to 255 seconds  
 Card Programming 2500 cards maximum per panel

### Indicators

Visible 23 single-color LEDs

## Centurion Software

### Computer Requirements

Hardware Available serial port for connection to dial-up modem or local panel communications  
 Operating System Windows® 2000 or Windows® XP

Windows® is a registered trademark of Microsoft Corporation in the United States and/or other countries.



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