

CT-V900-A | 2-Door Controller

The CT-V900-A is at the heart of every Centaur access control system. The Centaur Server, hardware expander modules, multi-purpose inputs, card readers, keypads and outputs are connected directly to the CT-V900-A. Multi-controller systems are joined together via the RS-485 communication bus. Distributed database architecture allows each controller to make split-second decisions without the need of the server computer. Lightning-quick, robust and remarkable stability make the CT-V900-A the professional's choice.



- Control 2 doors/readers per CT-V900-A (up to 8 using three CA-A470-A 2-door expander modules, see page 6)
- On-board card database
- 256 Schedules
- 256 Access Levels
- 2048 Event Buffer
- Fully distributed database architecture (access decisions made locally)
- Upgradable firmware - Upload firmware via the computer
- E-Bus technology: expander modules can be up to 1220m (4000ft) from the CT-V900-A
- Supports most common Wiegand formats, magnetic Stripe Track II ABA and 9 keypad formats, including BCD
- Easy maintenance with snap-off terminal blocks
- Lithium battery protection in case of complete power failure
- Comprehensive LED status indicators

Output Specifications:

Lock outputs: 2 field-selectable (12 or 24Vdc)
Relay Outputs: 2 Form C Dry Contact 5A/28Vdc
Reader Outputs: Six 50mA Open collector outputs (Red/Green LEDs, Buzzer)

Input Specifications:

Reader Inputs/Ports: 2
Keypad Inputs/Ports: 2
Multi-purpose Inputs: 16 (using ATZ 2R/3R)

Physical Specifications:

Cabinet size: 39cm (H) x 33cm (W) x 10cm (D)
15.5" (H) x 13" (W) x 4" (D)
PCB dimensions: 24.5cm (9.65") x 20.2cm (7.95")
Environment: 5°C to 55°C (41°F to 133°F)

Electrical Specifications:

Power input: 24Vac, 75VA or higher, 50/60Hz
Supply current: 2.5A switching power supply maximum
Battery backup: Two 12Vdc, 7Ah, gel cell batteries

Communication:

Plug and play technology
RS-485 E-Bus for expander modules, RS-485, TCP/IP, RS-232 or modem

On-board Protection:

Auxiliary outputs: 2.5A (24Vdc), 1A (12Vdc & 5Vdc) fuseless protection
AC protection: 5A fuse
Battery reversal: 7A fuse