

## Datasheet

### CAA-470A - CENTAUR 2-Door Expansion Module

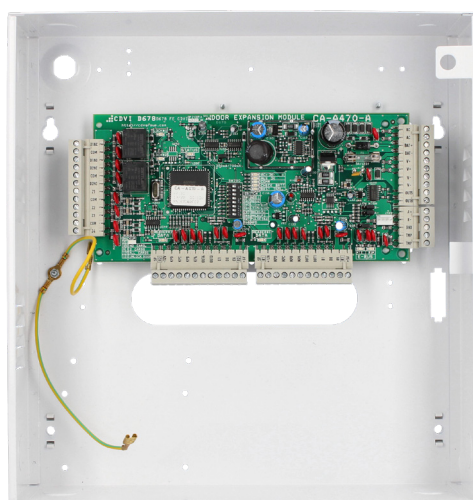
#### Product Description

Expand your CENTAUR online access control system with the CAA-470A module.

CENTAUR's E-Bus technology allows any expansion module to be located up to 1,220m away from the main CTV900A controller, thus reducing field-wiring costs by running only one cable to the controller. Up to three modules can be connected to one controller.

The module allows for the addition of two readers, two locks and four inputs (for door contacts and request-to-exit devices). They can all be connected locally to the CAA-470A by installing the expansion module close to the doors.

*Centaur*  
INTEGRATED ACCESS CONTROL



#### Key Features

- Controls 2 doors and 2 readers
- Up to three expansion modules per CTV900A controller
- E-bus connectivity to the controller up to 1,200m away
- 2 lock outputs
- 4 inputs (door contacts and RTE devices)
- Optional 7AH rechargeable battery available

 Certification

 DEEE

**RoHS** Certification

 5°C to 55°C

## Product Specifications

**Communication:** RS-485

**Weight:** 1.37kg

## Input Specifications

**Reader ports:** 2 x Wiegand

**Keypad ports:** 2 x Wiegand or BCD

**General purpose inputs:** 8 (16 using ATZ, zone doubling)

## Output Specifications

**Locks:** 2 (750 mA typical)

**Relays:** 2 x form C relays  
15 A @ 28 Vdc resistive load  
Tested for compliance @ 10 A

**Readers:** 6 (green, red, buzzer)

## Electrical Specifications

**Power input:** 16 Vac, 40VA max  
(transformer: TR2475)

**Power output:** 24Vdc, 2.5A

**Lock output:** 12 or 24Vdc

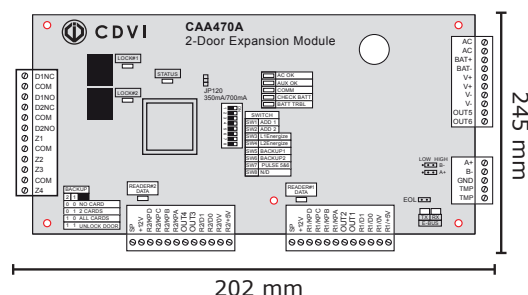
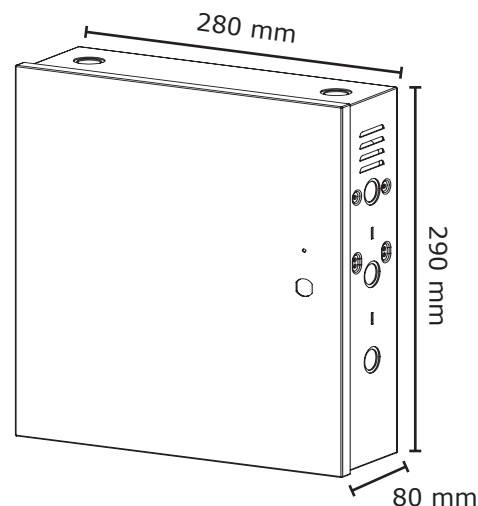
**AC Terminal Fuse:** 250VA, 2.5A time lag, slow blow

**Power loss indicator:** Yes

**Battery backup:** 12Vdc, 7AH gel cell battery (optional)

**On-board protection:** 7A fuse

**Battery protection:** 5A fuse



## Accessories



**STARPB**

Proximity reader, 125kHz



**SOLARKPB**

Proximity reader and keypad,  
125kHz



**B7AH**

12Vdc 7AH rechargeable  
battery