Centaur®
INTEGRATED ACCESS CONTROL

Centaur will overcome any access control challenge

Asset Management

Why buy something that you already have? Keep track of your assets and save time and money. Find quickly who is in possession of your assets. A report can be generated and sent automatically via email.

Guard Tour Feature

Live interactive guard tour allows check point validation using card readers, input points (Motion sensors, key switches, or push buttons) or data collectors. Includes live alarms for time violations and intuitive exception reports.

Biometric Integration

Centaur is a powerful solution for areas requiring enhanced security by authenticating fingerprints. Capturing, managing and transferring biometric data is now effortless with world-renowned fingerprint readers such as CDVI's DGID/W/US, L-1 (model 4G), Sagem and more.

Visitor Management

Centaur Visitor Management preserves a complete record of all visitor activities and keeps each visitor's information for subsequent visits. Centaur Visitor Management will allow you to securely control the comings and goings of all visitors.

Parking Management

The Centaur Parking Management provides you with a real time parking activity monitor. It allows you to quickly see how many parking places are used, by which user and how many parking spaces are available.

Video (DVR) Module

Centaur video module (DVR) lets you playback up to 60 seconds before and after a specific event. It also lets you capture a video image (frame) during the playback or live camera viewing in jpeg format.

In Constant Evolution to fulfill your needs in access control

Centaur Integrated Access Control System Overview

CDVI

1645-A Highway 440 West, Laval, Quebec, Canada, H7L3W3
Tel.: (450) 682-7945, Toll Free Tel.: 1-866-610-0102, Fax: (450) 682-9590, Toll Free Fax: 1-866-682-9590

Manufacturing Access Control since 1985

Centaur 5.1 Software Editions

	LITE CS-AC-LITE-USB5	Standard CS-AC-STD-USB5	Professional CS-AC-PRO-USB5*	Enterprise CS-AC-ENT-USB5*	FREE** STARTER PACK
Sites	1	64	64	64	1
Serial Ports	1	1	1	4	4
Dial Up connection	Yes	Yes	Yes	Yes	Yes
TCP/IP connection	Yes	Yes	Yes	Yes	Yes
Cards	512	2,048 per site (131,072 max.)	8,196 per site (524,544 max.)	16,384 per site (1,048,576 max.)	512
Controllers	16	32 per site (2,048 max.)	64 per site (4,096 max.)	256 per site (16,384 max.)	1
Doors	16	128 per site (8,192 max.)	512 per site (32,768 max.)	2048 per site (131,072 max.)	2
Elevator Control	-	Yes	Yes	Yes	Yes
Elevator Cabs	-	64 per site (4,096 max.)	128 per site (8,192 max.)	512 per site (32,768 max.)	2
Floors per cab	-	64	64	64	64
Floor groups	-	128 per site (8,192 max.)	128 per site (8,192 max.)	128 per site (8,192 max.)	128
DVR Module	-	Yes	Yes	Yes	Yes
Visitor Management	-	Yes	Yes	Yes	Yes
Parking Management	-	Yes	Yes	Yes	Yes
Guard Tour	-	Yes	Yes	Yes	Yes
Asset Management	-	Yes	Yes	Yes	Yes

* Comes with a workstation license New

** **FREE** from our web site, www.cdvi.ca
Security dongle **NOT** required

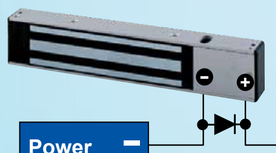
Every Centaur edition includes a Centaur Server with an administration console, plus all these software modules:

Pro-Report with Tracker: On demand, scheduled or customized reports
FrontView: Live interactive floor plans
FrontGuard: Display real-time visual authentication
FrontDesk: Create, modify, delete and print cards, include Photo-ID
Locator: Monitor real-time location of each card holder
WavePlayer: Play a sound on any system event

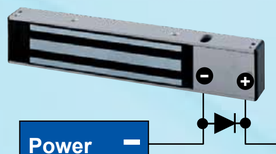
Workstation license (CS-WSLIC-USB5):

Centaur supports an unlimited amount of Workstations with any Centaur Software edition. The Workstation license includes: Centaur Administration Console and all software modules.

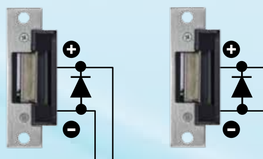
Electromagnetic Lock or Door Strike Option



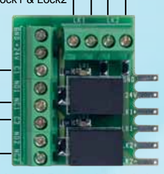
Power Supply



Power Supply



Fire alarm contact for Lock1 & Lock2



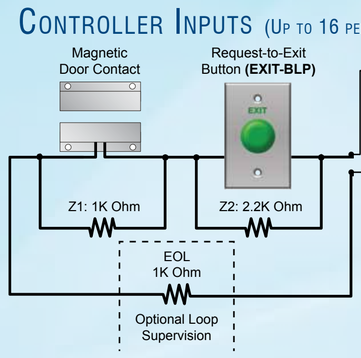
Lock Control Module (optional) CA-A110-P

Connect directly to controller lock terminals

Always consult the regulatory agency in your area for existing regulations regarding doors designated as emergency exits.

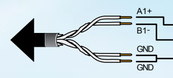
Alarm Sounder

Controller Inputs (Up to 16 per controller)

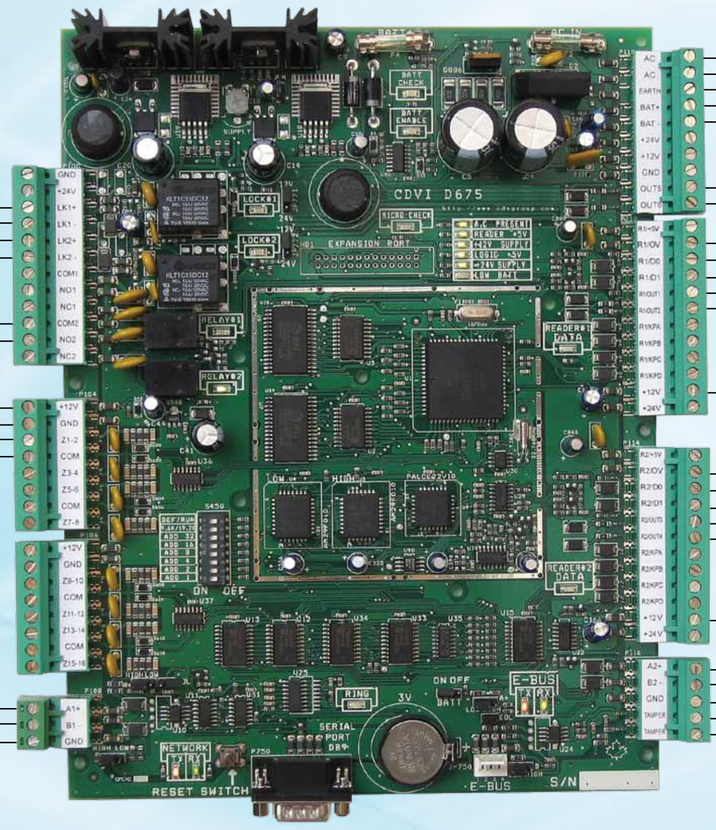


Controller Network (RS-485)

To next controller of a site.



2-Door Controller CT-V900-A



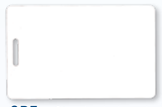
Transformater CDVI150
24 Vac, 75VA

Also includes an output of 16 VAC (75 VA) that can power up to 3 2-door expansion modules CA-A470-A

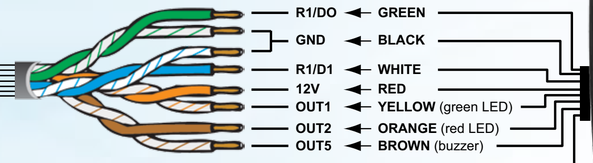
Connect earth terminal to a certified earth ground

2 batteries (12V, 7AH) connected in series for 24V backup

CP - Thin card for printing (ISO)

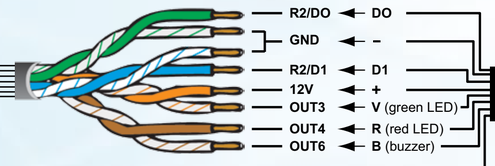


CPE - Standard clamshell card



Blue (Clock) Not applicable with Centaur System

Polycarbonate Proximity Reader DGLP FN WLC

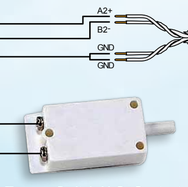


H (Clock) Not applicable with Centaur System

Stainless Steel Proximity Reader DGLI WLC

MODULE NETWORK (E-BUS RS-485)

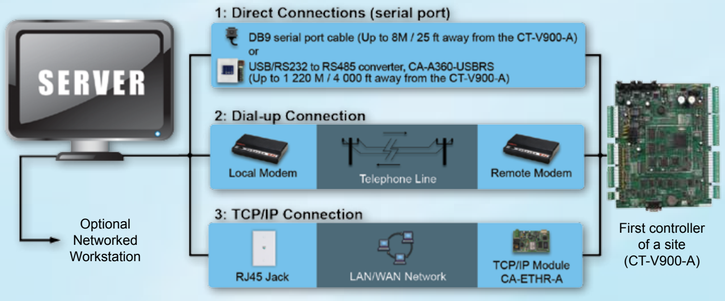
Furthest module can be installed up to 1220M (4000ft) away from the CT-V900-A controller



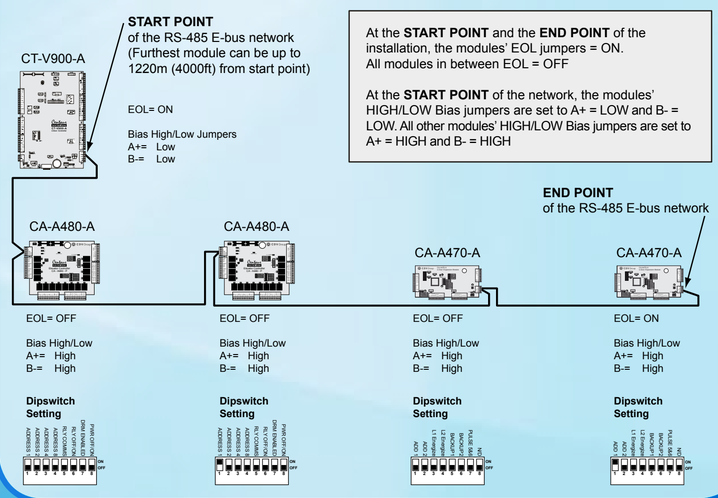
Tamper Switch N.C. Contact

Reader wiring may differ from diagram. Please consult your documentation for details.

Server to Controller Communication



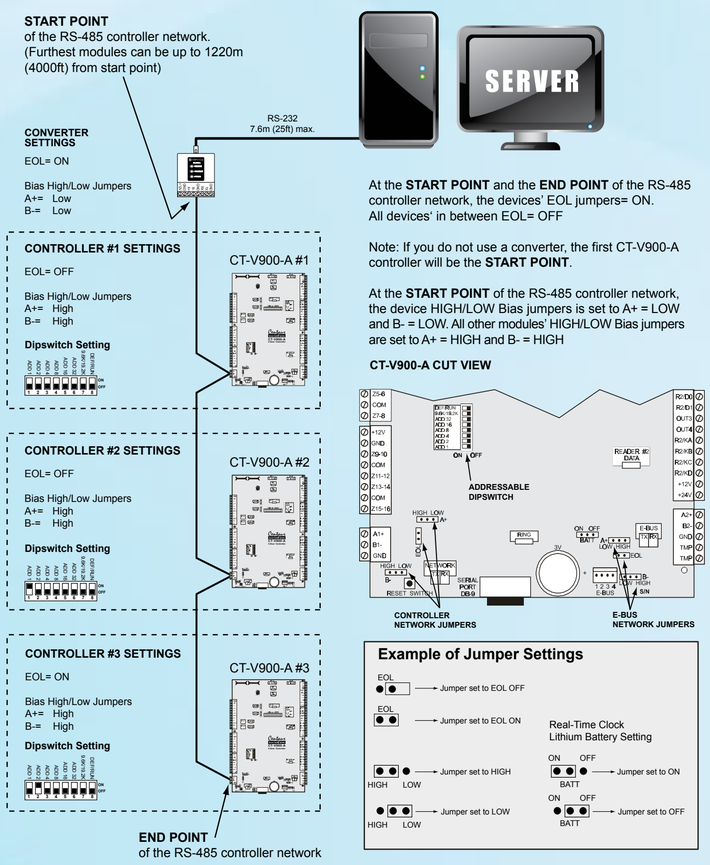
E-bus Network Jumper & Dipswitch Settings



At the **START POINT** and the **END POINT** of the installation, the modules' EOL jumpers = ON.
All modules in between EOL = OFF

At the **START POINT** of the network, the modules' HIGH/LOW Bias jumpers are set to A+ = LOW and B- = LOW. All other modules' HIGH/LOW Bias jumpers are set to A+ = HIGH and B- = HIGH

Controller Network Jumper & Dipswitch Settings



At the **START POINT** and the **END POINT** of the RS-485 controller network, the devices' EOL jumpers= ON.
All devices' in between EOL= OFF

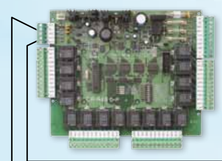
Note: If you do not use a converter, the first CT-V900-A controller will be the **START POINT**.

At the **START POINT** of the RS-485 controller network, the device HIGH/LOW Bias jumpers is set to A+ = LOW and B- = LOW. All other modules' HIGH/LOW Bias jumpers are set to A+ = HIGH and B- = HIGH

CT-V900-A CUT VIEW

Example of Jumper Settings

E-bus Network Capacity & Modules



1 Transformer
16 VAC, 40VA
50/60Hz Class 2
and
1 battery (12V, 7AH) per
CA-A480-A & CA-A470-A

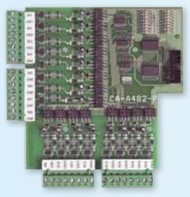
Elevator Controller
CA-A480-A
(Max. 8 per CT-V900-A)

2-Door Expansion Module
CA-A470-A
(Max. 3 per CT-V900-A)

LCD Display
CK-TRAK-L
(Max. 8 per CT-V900-A)

Relay Expansion Module
CA-A460-P
(Max. 2 per CT-V900-A)

USB/RS232 to RS-485 Converter
CA-A360-USBRS



Destination Reporting Module
CA-A482-P
The DRM connects directly to the CA-A480-A, elevator controller

TCP/IP Module
CA-ETHR-A

RS-485 Network Hub
CA-A370-P

All the specifications on this document (photos, drawing, features and dimensions) could be changed without prior notice.
Printed in Canada - December 2008