

## CPLX-CVP6 / 8

Dedicated Device Controller



The CPLX-CVP6 controller is designed to integrate with many Condoplex sub-systems (i.e. ACCESS CONTROL, SUITE SECURITY, VOICE COMMUNICATIONS, PANIC ALARM, ELEVATOR CONTROL, CCTV CONTROL AND MEDIC ALERT). It is powered by a LINUX /OS and as such is a multi-user / multi-tasking System. The controller comes standard with 4 optically isolated ports. Each port (a,b,c,d) is designed to interrogate the operational state of each security device 50-60 times a second, depending on the device type. An expansion port allows another 4 ports to be added for a total 8 ports. This will permit further network isolation resulting in a large portion of the system remaining in operation when a particular network segment fails. Performance and reliability are assured as each PORT on the CPLX-CVP6 operates independent of each other.

### Hardware

- Networked (TCP/IP) or Stand Alone
- Intelligent on board 32 BIT Cass Processor
- Expandability is simple and cost-effective
- Fanless Operation to work in harsh environments
- Onboard UPS
- Graceful shutdown in the event of a power failure

### Firmware

- Embedded LINUX O/S for high uptime and reliability
- Remote Internet VPN communications
- Dual Redundancy / Port Injection
- Supports Remote Diagnostics & System Upgrades
- Provides SIP VoIP Services for Intercom Devices

All DATA relating to the “field” devices connected with the controller is downloaded to its internal memory, thus enabling each controller to continue to operate when communications to the Server is lost. Once in a “stand alone” mode, the controller records all network operations under its control, and makes complex, unassisted decisions until the network is re-established.

## Benefits

### REMOTE SERVICE CAPABILITY

Controllers can be serviced and/or upgraded remotely. This alleviates disruption in service and the need for costly site visits by the dealer.

### LOCAL INTELLIGENT CONTROLLER DATABASE

Allows for “real-time” decisions and processing without assistance from the Server.

### DEVICE INTERROGATION

Interrogates each device and provides immediate notification to guards/property management should a device malfunction.

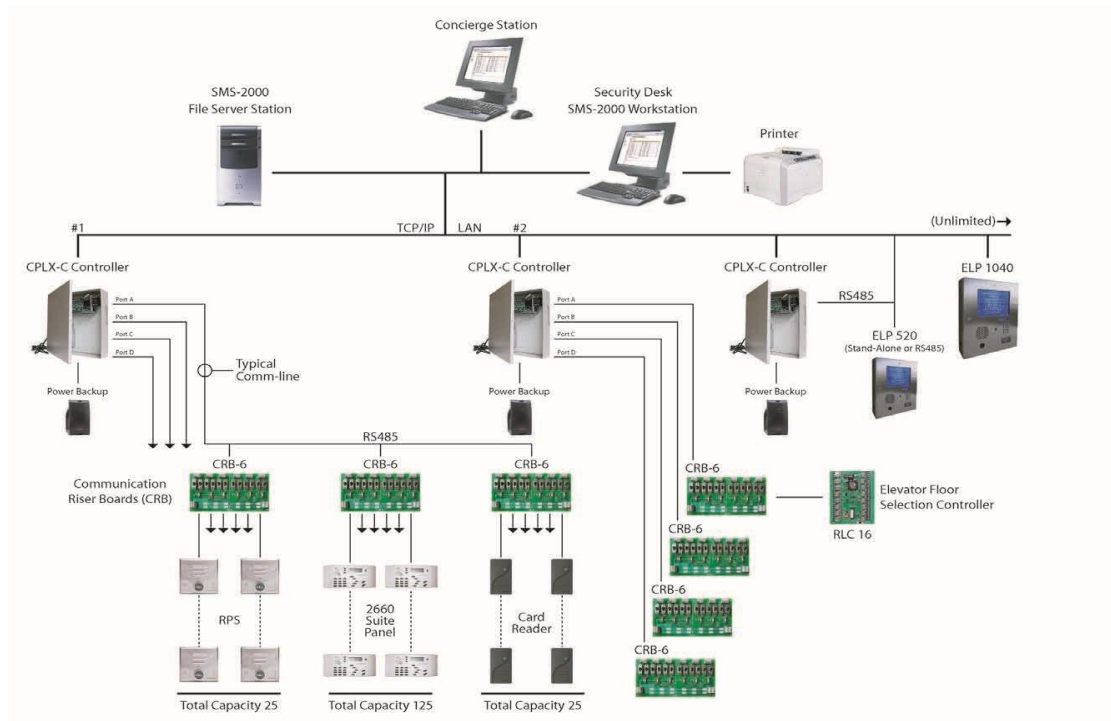
### DUAL REDUNDANCY / RS485 MESSAGE INJECTION

Two controllers may set as a failover to one another via port or entire controller failure. Rs485 messages are injected into the Ports to allow one controller’s port to loop into other, thus allowing two controllers to poll a single network segment.

# CPLX-C/CU

Dedicated Device Controller

## System Architecture



Features and Specifications subject to change without notice • Contact your Condopex dealer to select features best suited for your facility and budgetary needs.

## Specifications

Dimensions	44 cm (L) x 34 cm (W) x 9 cm (D) 17" (L) x 13" (W) x 3.5" (D)	Microprocessor	Celeron 1Ghz.
Shipping Weight	15 lbs / 7 kgs	Communication Formats	TTL, 100Mbit, Ethernet, SATA,
Operating Temp.	0°C, -32°F, to +50°C, 132°F	HDMI Output	PCIe
Power Requirement	+5V@2.0Amps	Ports	1024x768
Mounting Requirement	Metal Enclosure CB1317	Memory	4/8 independent RS485 Ports
Firmware	LINUX 6.0+	Mass Storage	128 SDRAM 128GB PCIe
		Accessories	CPLX Port Expander Module

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