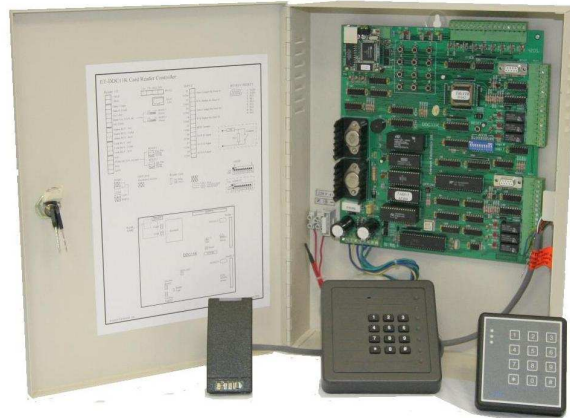## Intelligent Access Control System

Features

- Fast. standalone dual processing (DDC) 2048 pre/TCPIP Network with optional dual Lan port redundant communication capability

- Distributed database processing, for up to 10,000 (10k) cardholder

- Proximity card technologies mode control, support 26-35 bits format (HID corporate 1000. format)

- Support for magnetic stripe. Wiegand, and proximity card technologies

- Card, keypad or card and keypad access support

- Class A, 2-wire supervised input capability

- Elevator control

- Dynamic memory allocation between card and events storage

- Time zone and access level for 7 days a week storage

- Software-linked inputs and outputs for offline control

- Communication between host and DDC through direct TCPIP connect

- Unlimited times onboard memory retention in case of power failure

- Star, bus or combination star and bus reader configuration

- Battery backup available for uninterrupted on-line operation

- Global anti pass back checking and controller mode local anti pass back support

- Support dual card, escort card access mode

Designed to Provide Advanced Functionality

The DDC10000' *Field Processing Controller* is an intelligent access control and alarm monitoring panel which serves as a basic building block for all EVERTECH MEGAsys security management systems. The innovative design features make the DDC10000 faster more reliable and easier to service than other intelligent field panels.
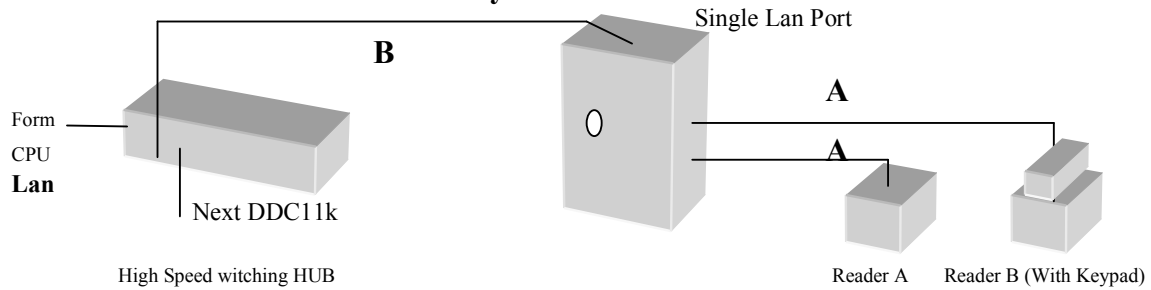
The CMOS Motorola 68 series dual processor gives the DDC10000 maximum flexibility in card population and in utilizing its numerous firmware features. The DDC10000 is available with up to 8kB static RAM and 128 K ROM. The panel's CMOS static RAM consumes minimal power for data storage, allowing longer on-board memory preservation.

The DDC10000 is designed to provide advanced functionality in the off-line mode, including elevator control, local anti-pass-back and alarm or event-initiated output activation. The DDC10000 is also capable of redundant TCPIP communications for high security applications.
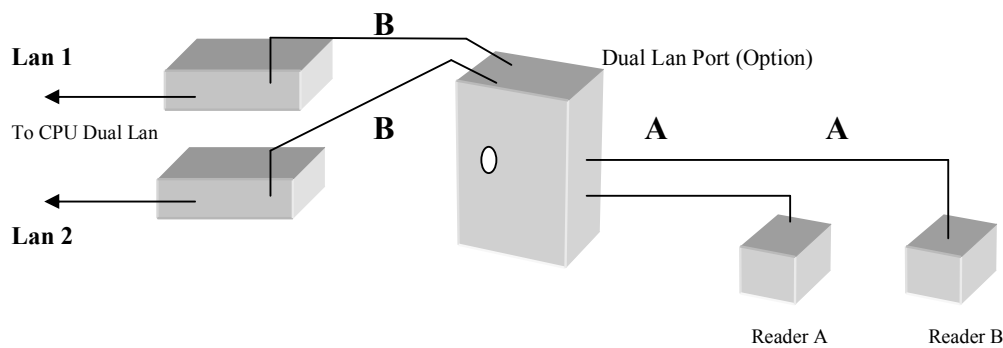
Wiring Configurations

Star Connected with GUI MEGAsys Server

Single Lan Port

B

A

Form

CPU

Lan

A

Next DDC11k

High Speed witching HUB

Reader A   Reader B (With Keypad)

Connected with MEGAsys Redundant Server

B

Lan 1

Dual Lan Port (Option)

To CPU Dual Lan   **B**

A   **A**

Lan 2

Reader A   Reader B

Wiring Summary
A = Communication Cable Belden 8723
B = Cat 5 Communication Cable
Lan 1 for Main Server, Lan 2 for Redundant Server

DDC11k/L Link with **MEGAsys** products family