

# CB-485 / NETCOM2P / CB-485M

## RS-485 Communication Board

### CB-485

- Establishes RS-485 communication between multiple access control units (ACU) and the PC
- Reliable PC to ACU communication
- Enhanced communication speed
- Increases maximum wiring distance on ACU communication loop
- Easily connects to ACU via ribbon cable
- Mounts directly in ACU enclosure
- Uses two twisted pairs on CAT5 cable

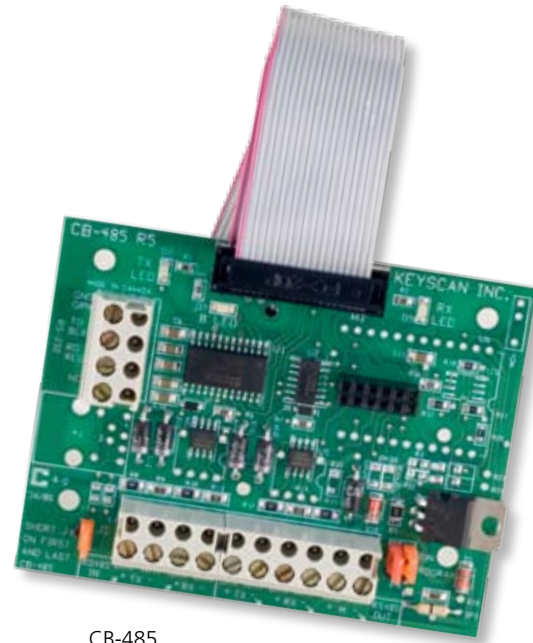
### Optional CB-485 configuration with NETCOM2P

#### (Network TCP/IP module)

- NETCOM2P plugs into socket on CB-485
- Delivers multiple ACU communication to PC over a LAN/WAN (TCP/IP)
- Suitable for 10/100 Ethernet/Fast Ethernet applications
- Uses static IP address

### CB-485M

- CB-485M expands system capability with built-in dial up modem to link remote sites
- Designed specifically for Keyscan access control units
- Uses standard analog phone line
- Pre-loaded setup parameters
- Mounts directly in ACU enclosure
- Only one CB-485M required for multiple ACUs on same communication loop



CB-485



NETCOM2P

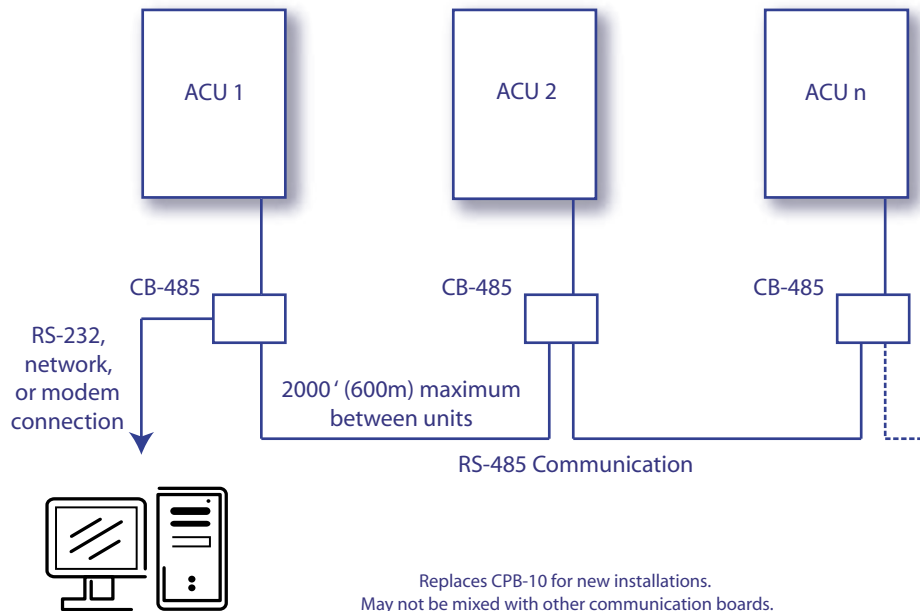
# CB-485 / NETCOM2P / CB-485M

## RS-485 Communication Board

### FEATURES AND BENEFITS

- Maximum distance of up to 2000 feet (600m) between ACUs
- Cost effective and ease of connection between panels using CAT5
- Can communicate to PC using direct connect, or with optional NETCOM2P module (TCP/IP), or with CB-485M (modem)

### APPLICATIONS



### SPECIFICATIONS

#### Power

5VDC from ACU  
CB-485 - 110 mA, CB-485M - 360 mA, CB-485 with NETCOM2P - 250mA

#### Baud Rates

up to 57,600 (CB-485 only)

#### Cable

CB-485 to CB-485 – CAT5, 4 conductor  
CB-485M to CB-485 – CAT5, 6 conductor  
RS-485 Full Duplex communication

#### Maximum distance between two access

control units - 2000 feet (600m)  
CB-485 boards must be daisy chained (parallel) to each other  
ACU-PC - 100 feet max (30m)

#### Dimensions

CB-485 3 5/8" x 2" (9.0 cm x 6.9 cm)

#### Environmental Tolerances

Suitable for commercial and industrial applications  
Relative Humidity: 0% to 90% R.H., non-condensing  
Operating Temperatures: -20° to 71° C (-4° to 160° F)  
Storage Temperatures: -20° to 85° C (-4° to 185° F)

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