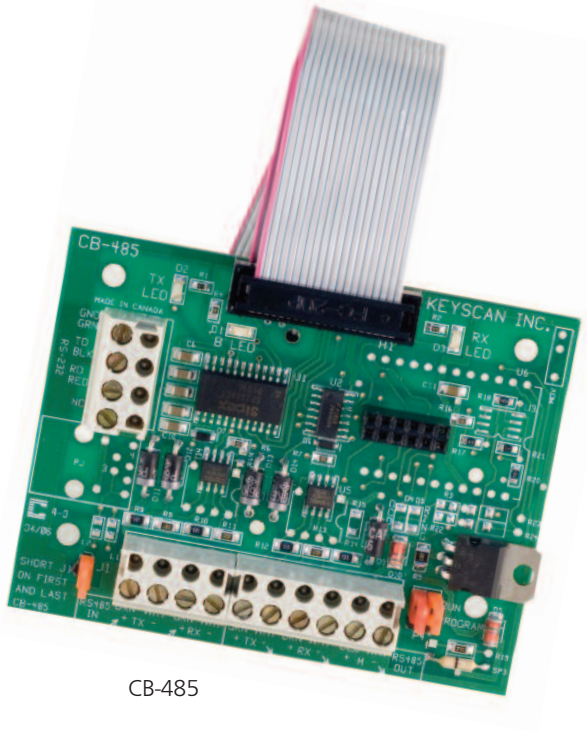
KEYSCAN ACCESS CONTROL SYSTEMS FROM KEYSCAN INC.

CB-485

Legacy RS-485 Communication Board

- Establishes RS-485 communication between multiple access control units (ACU) and the server
- Reliable server 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 of CAT5 cable



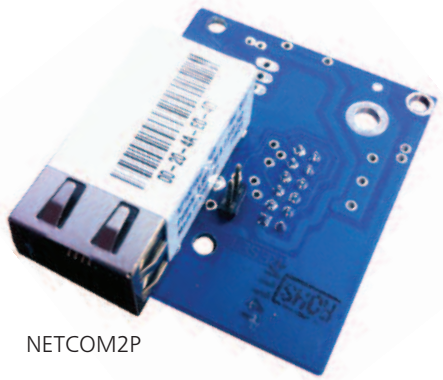
CB-485

Optional CB-485 configuration with NETCOM2P (Network TCP/IP module)

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

CB-485M (legacy product)

- 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 set up parameters
- Mounts directly in ACU enclosure
- Only one CB-485M required for multiple ACUs on same communication loop

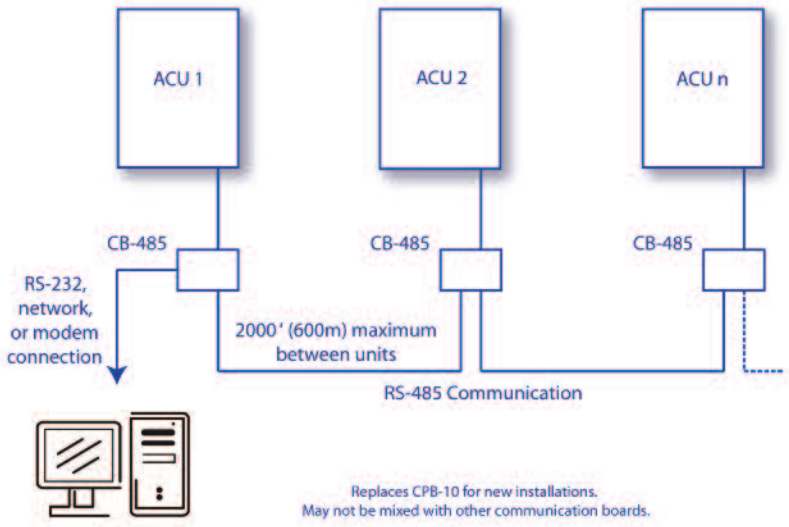

NETCOM2P

CB-485

Legacy 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 server using direct connect, or with optional NETCOM2P module (TCP/IP), or with CB-485M (modem)



Specifications:

Power

- 12 VDC from ACU
- CB-485 - 110mA, CB-485M - 360mA, 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 ACUs - 2000 ft (600m)
- CB-485 boards must be daisy chained (parallel) to each other
- ACU to Server (PC) - 100 ft (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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