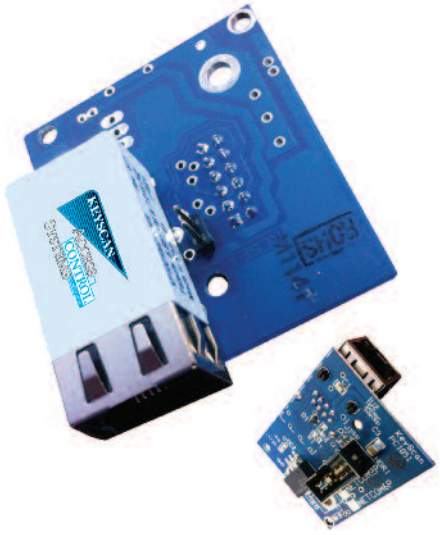
NETCOM2P / NETCOM6P

Plug on TCP/IP Communication Modules

NETCOM2P and NETCOM6P (Encrypted) Plug on TCP/IP Communication Modules

Keyscan's NETCOM2P and NETCOM6P (encrypted) TCP/IP communication modules are the fastest and easiest way to enable Keyscan Access Control Units (ACUs) to be connected and communicate over a network.

Both NETCOM2P and NETCOM6P (encrypted) communication modules connect directly to the ACU or, for legacy systems, the CB-485 communication module allowing you to establish communication along an existing LAN/WAN network.

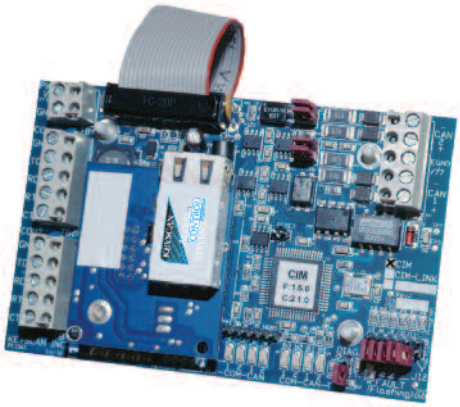


Using NETCOM2P and NETCOM6P (Encrypted) on CIM based installations:

Keyscan's NETCOM2P or NETCOM6P TCP/IP Communication modules are designed to work seamlessly with Keyscan's CIM (Communication Interlink Module). They are both modular TCP/IP converters that plug directly into the Keyscan's CIM communication module to establish network communication to the server or among multiple ACUs along a CAN Bus Network.

The CIM module with the network connection is referred to as CIM 0 and must have a jumper on J4. Keyscan recommends that you limit your communication loop and communication software not to exceed 100 readers or 12 panels.

The NETCOM2P and NETCOM6P must be programmed with the Keyscan NETCOM Program Tool Utility in order to function. Refer to the NETCOM2P/CIM or NETCOM6P/CIM programming guides for full instructions



Keyscan CIM shown with NETCOM2P

NET6P-KHS (Encrypted) for Keyscan Hosted Services:

Keyscan's NET6P-KHS (encrypted) TCP/IP communication modules are the fastest and easiest way to enable Keyscan Access Control Units (ACUs) to be connected and communicate via Keyscan Hosted Services.

The NET6P-KHS (encrypted) communication module is DHCP set up and pre-configured to automatically connect to Keyscan servers allowing you to establish communication along an existing LAN/WAN network.

NETCOM2P / NETCOM6P

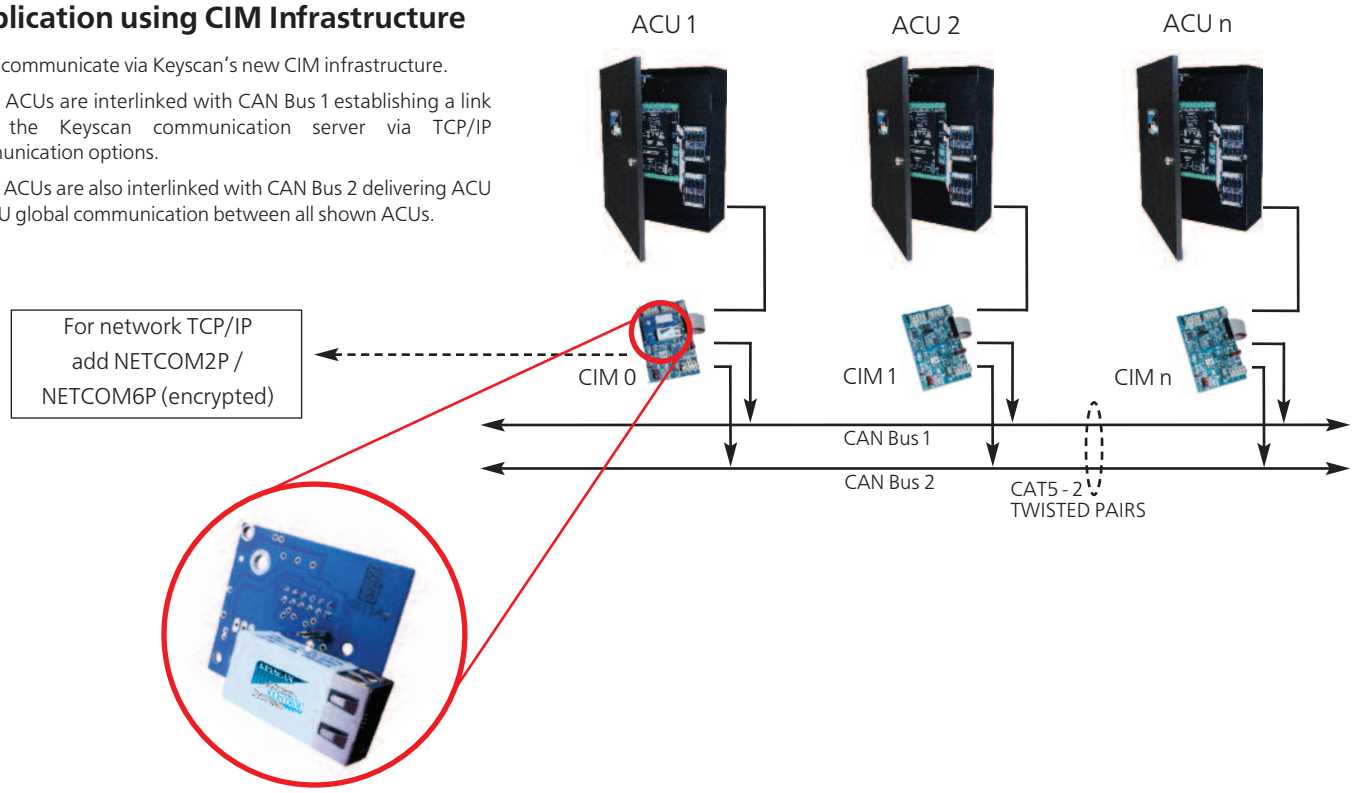
Plug on TCP/IP Communication Modules

Application using CIM Infrastructure

ACUs communicate via Keyscan's new CIM infrastructure.

These ACUs are interlinked with CAN Bus 1 establishing a link with the Keyscan communication server via TCP/IP communication options.

These ACUs are also interlinked with CAN Bus 2 delivering ACU to ACU global communication between all shown ACUs.



Specifications:

Input Power through ACU
- 140 mA, + ACU 130 mA = 270 mA

Input Power through CIM
- 140 mA + CIM 150 mA = 290 mA

Network Interface
- RJ45 10/100 Ethernet

Dimensions
- 1.625" x 1.9375" (41mm x 49mm)

NETCOM6P
- With AES Rijndael encryption

Agency Approvals - Ethernet Socket
- Complies with Class B limits of EN 55022 : 1998
  Direct & Indirect ESD Complies with EN 55024 : 1998

Environmental Tolerances
- Suitable for commercial and industrial applications

NET6P-KHS (Keyscan Hosted Services only)
- DHCP IP set up; AES Rijndael encryption; Pre-configured to connect with Keyscan Servers

Operating Temperature
- 5° to 70°C (41° to 158°F)

KEYSCAN ACCESS CONTROL SYSTEMS from KEYSCAN INC

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