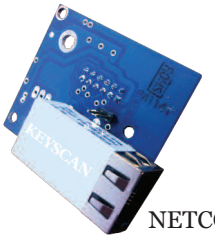
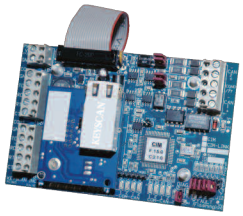
KEYSCAN
ACCESS CONTROL SYSTEMS
dormakaba Group

# Keyscan NETCOMs

*Plug-on TCP/IP Modules for Keyscan Access Control Systems*



NETCOM2P



Keyscan CIM
with NETCOM2P

*Plug-on TCP/IP communications modules*

## Fast, convenient method to network Keyscan access control systems

The Keyscan NETCOM 2P and NETCOM 6P (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.

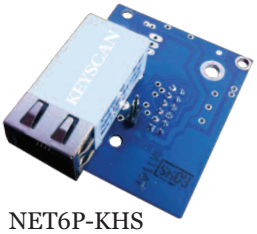
### Using NETCOMs on CIM based installations:

The Keyscan NETCOM2P or NETCOM6P TCP/IP Communication modules are designed to work seamlessly with the Keyscan CIM (Communication Interlink Module).

Both NETCOMP modular TCP/IP converters 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.

Where higher security is required for communication, the NETCOM6P employs an AES Rijndael (NIST approved) encryption algorithm. A user-defined encryption key, which can be can be 128 bits, 192 bits, or 256 bits, minimizes the possibility of an attacker breaching communication.

The NETCOM2P and the NETCOM6P include the Keyscan NETCOM Program Tool utility for custom installation programming so either converter adapts to any TCP/IP network structure for access control system communication.



NET6P-KHS

### 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.

## 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

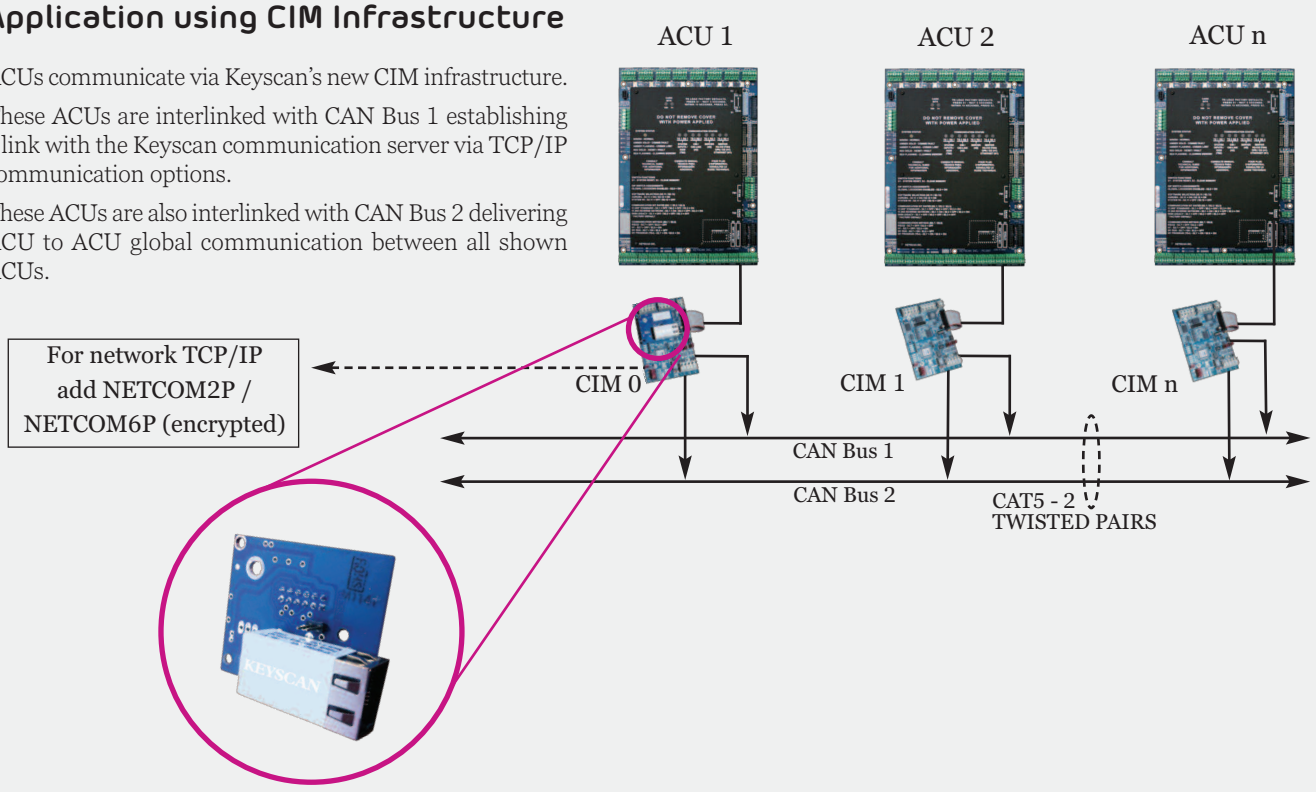
Operating Temperature
- 5° to 70°C (41° to 158°F)

## 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.

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