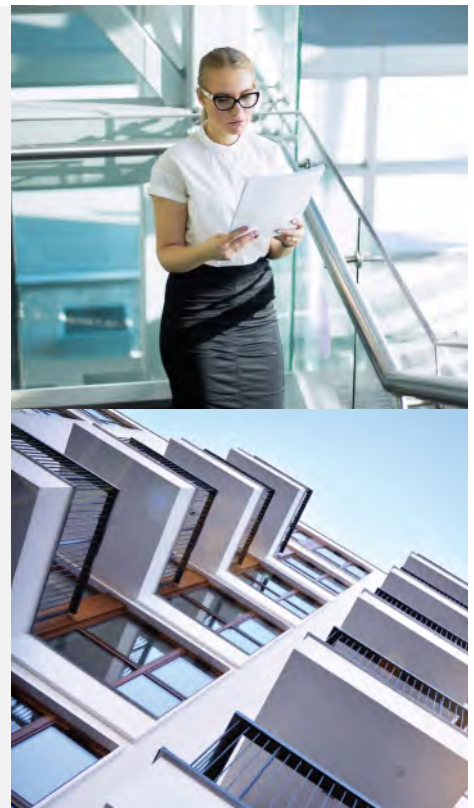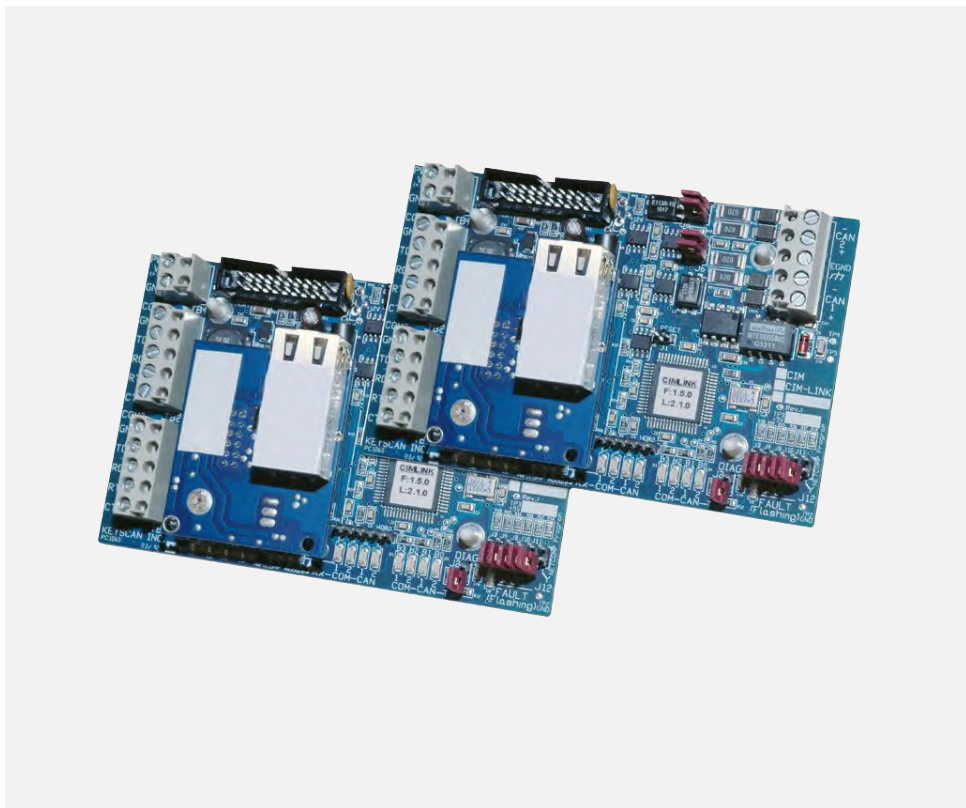# Keyscan CIM-Link
Global network connectivity module

A simple way to incorporate multiple CIM communication loops into a single global infrastructure.
Keyscan CIM-Link is a TCP/IP companion module, which incorporates multiple CIM CAN Bus communication loops into a single global infrastructure. This promotes even greater global communication flexibility. Keyscan's CIM-Link module extends CAN Bus based ACU to ACU communication via a common LAN/WAN network. This maximizes system design options by expanding ACU to ACU functionality to multiple independent CAN Bus global networks utilizing common LAN/WAN (TCP/IP) infrastructure.

Ground loop tolerance
Maximizes electrical isolation to earth ground providing tolerance against ground loops.

Enhanced diagnostics
Provides a myriad of communication diagnostics annunciated with on-board LEDs for quick and easy device-based troubleshooting.

Network adaptation
Uses Keyscan's plug-on TCP/IP network adapter NETCOM2P/6P

TCP/IP tunneling
Ensures uninterrupted and re-connect continuous communication between CIM-Links.

Network support
Supports global functions between groups of multiple ACU panels or between a single ACU panel over an existing LAN/WAN network.

Global communication
Utilizing the CAN Bus network, the CIM-Link delivers global communication capabilities. Access Control Units with direct connectivity with the CAN Bus network now provide ACU to ACU communication without server dependence.

Ribbon cable
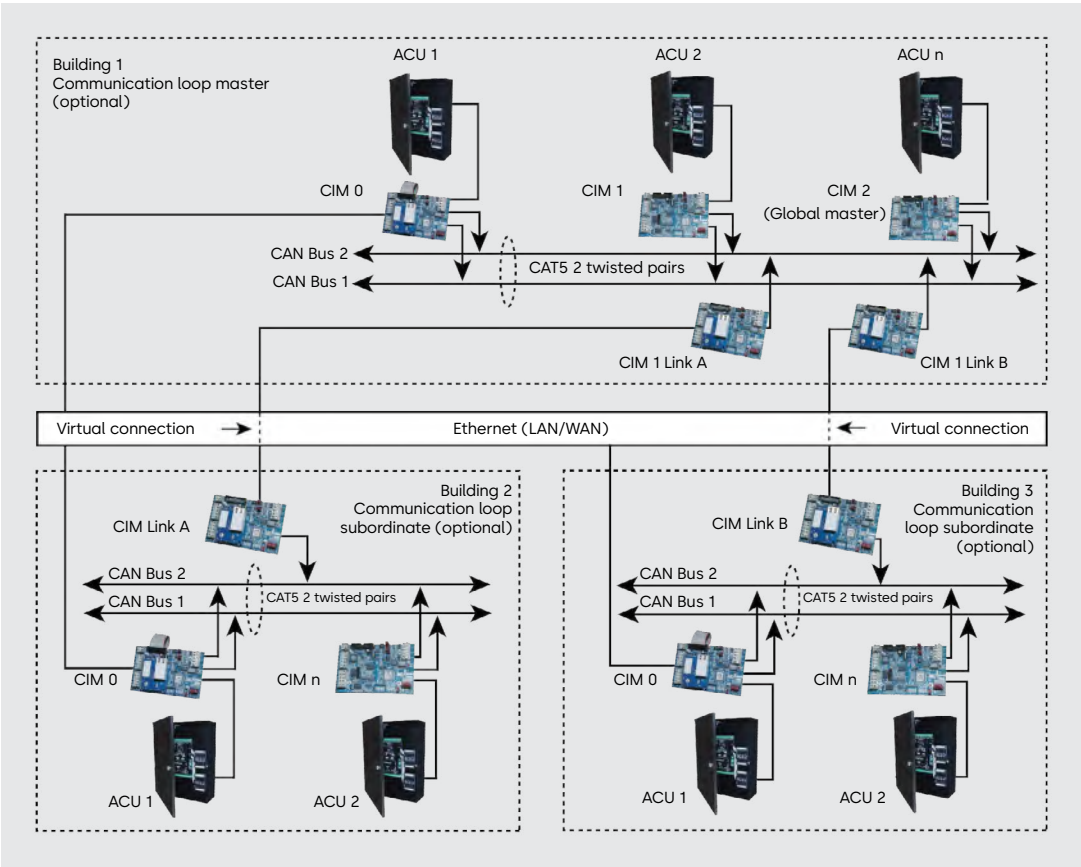Uses a simplified ribbon cable for fast installation.

Fault tolerance
Unlike traditional communication devices, if one Keyscan CIM-Link goes down due to unforseen circumstances, it won't take the entire loop down with it. The CAN Bus communication protocol offers non-interrupted communication of remaining devices on the CAN Bus network.

Factsheet

Specifications

Operating voltage	12 VDC
Current draw (CIM-Link)	290 mA (each)
Dimensions	4 5/8" x 3" (11.7 cm x 7.6 cm)
Operating environment	32 F - 140 F (0 C - 60 C)
Topology	Linear
Network	Requires LAN/WAN (TCP/IP) infrastructure
Network support	Standard, encrypted
CAN Bus	Requires connection to CAN Bus 2 ACU to ACU global communication
Firmware	Minimum EPROM versions 7.40/8.20
Software	Aurora (All) System 7.0.16 or higher Vantage 8.1.15 or higher

Typical applications - connecting multiple CIM communication loops

Any questions? We would be happy to advise you.

Contact us at: 1-888-539-7226

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