

Global Network Connectivity Module

Keyscan has designed the CIM-Link, 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: Keyscan's CIM-Link maximizes electrical isolation to earth ground providing tolerance against ground loops.

Fault Tolerance: Unlike traditional communication devices, if one Keyscan CIM-Link goes down due to unforeseen 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.

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

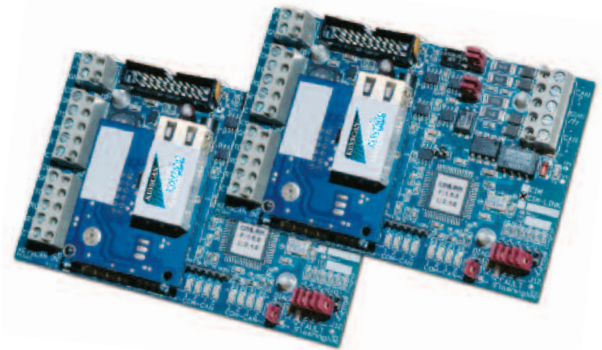
Network Adaptation: The CIM-Link is designed to support Keyscan's plug-on TCP/IP network adapter NETCOM2P or NETCOM6P (encrypted) for fast and trouble-free network based server to ACU communication

Ribbon Cable: The Keyscan CIM-Link uses a simplified ribbon cable connection to ACU for fast installation.

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 communication network, the CIM-Link delivers impressive global communication capabilities that meet the demands of the most sophisticated access control implementations. Access Control Units with direct connectivity with the CAN Bus network now provide ACU to ACU communication without server dependence. This permits a host of new features and capabilities that benefit both system design and installation flexibility.



CIM-Link Specifications

Operating Voltage:	12 VDC	Software:	System 7.0.16 recommended Vantage 8.1.15 recommended
CIM-Link:	290 mA (each)	Topology:	Linear
Dimensions:	4 5/8" x 3" (11.7 cm x 7.6 cm)	CAN Bus:	Requires connection to CAN Bus 2 ACU to ACU global communication
Operating Environment:	32 F - 140 F (0 C - 60 C)	Firmware:	Minimum EPROM versions 7.40/8.20
Network:	Requires LAN/WAN (TCP/IP) infrastructure		
Network Support:	Standard, Encrypted		

CIM-Link

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Connecting multiple optional CIM communication loops

