

C-Bus®

CLIPSAL®

LIVING ELECTRICAL

C-Bus® Network Interface



5500CN Series

The C-Bus® Network Interface (CNI) is a C-Bus® system device designed to provide an isolated communications path between an Ethernet 10Base-T Network and a C-Bus® Network. This allows high-speed control and monitoring of a C-Bus® installation via the TCP/ IP protocols used in computer networks and by the Internet.

The CNI is a nearly instantaneous connection to a C-Bus® network. It provides a gateway between high-speed, high bandwidth Ethernet communication and the robust, timetested Clipsal C-Bus® Automation System.

System integrators and installers can program a C-Bus® network remotely without the need for transporting a PC to the local C-Bus® network and connecting via the serial port. With the CNI, the network can be as close as the nearest Ethernet connection.

In addition to programming, the CNI provides similar convenience for third party applications to issue commands to a C-Bus® network and monitor the behavior of units on the network.

The C-Bus® Network Interface is assigned an IP address, just like a PC on a computer network. Once an IP address is assigned it is possible for a myriad of applications, applets and third party systems to send C-Bus® commands to the C-Bus® network - all remotely, across buildings or across the country.

In addition to all these features, the CNI is a native C-Bus® device that utilises the C-Bus® protocol. The CNI can provide a system clock to synchronise all units on the network. The CNI can also ensure reliable communications on the network via the software selectable burden. The CNI does everything the C-Bus® PC Interface does and more.

clipsal.com/cis

CLIPSAL
 **C-Bus**
Control and Management System

5500CN Series C-Bus® Network Interface

- Connects directly to the C-Bus® network via the C-Bus® Category 5 data cable
- Provides an isolated communications path between an Ethernet 10Base -T Network and a C-Bus® Network
- DIN rail mounted measuring 4M wide
- Can be used to program C-Bus® Units
- Capable of issuing commands to a C-Bus® Network, including scheduled activities
- Capable of monitoring and data logging of activities on a C-Bus® Network
- Capable of generating a C-Bus® system clock for communications data
- Capable of providing a software selectable Network Burden
- Ethernet LED indicator shows the status of the Ethernet side of the Network Interface
- C-Bus® LED indicator shows the status of the C-Bus® side of the Network Interface. Installation on to a C-Bus® Network requires connection to the unshielded twisted pair C-Bus® Network Cable
- Incorporates a C-Bus® PC Interface Module for communications to the C-Bus® Network. Programming of the C-Bus® side can be done in the same manner as programming a standard PC Interface
- Must be supplied with power at the 9 -12V ac/dc terminal for programming of either the C-Bus or Ethernet sides of the unit
- When connected to an Ethernet Network the CNI may be configured with standard TCP/IP commands
- C-Bus® Side connection via RJ45 Connectors (2 off)
- Ethernet Side connection via RJ45 Connector
- Dimensions: H=85mm, W=72mm, D=65mm
- Weight: 130g.

Product of Clipsal Australia Pty. Ltd.

A member of the Schneider Electric Group.

Head Office

12 Park Terrace, Bowden
South Australia 5007
PO Box 103 Hindmarsh
South Australia 5007

Telephone +61 8 8345 9500
Facsimile +61 8 8346 0845
Internet www.clipsal.com/cis
E-Mail cis@clipsal.com.au

CIS Technical Support Hotline:
1300 722 247

Customer Service Enquiries:
1300 2025 25

National Customer Service Facsimile:
1300 2025 56

International Enquiries

International Sales and Marketing

Telephone +61 8 8269 0587
Facsimile +61 8 8340 7350
E-Mail export@clipsal.com.au

New Zealand

Clipsal Industries (NZ) Ltd
Telephone +64 9 576 3403

Malaysia

Clipsal Integrated Systems (M) Sdn Bhd
Telephone +60 3 7665 3555

Singapore

Clipsal Integrated Systems Pte Ltd
Telephone +65 6415 3232/3233

China

Clipsal China Limited
Telephone +86 755 8237 5959

Greece

Schneider Electric AE
Telephone +30 69 4646 3200

Hong Kong

Clipsal Integrated Systems (HK) Limited
Telephone +852 2487 0261

India

Schneider Electric India Pvt Ltd
Telephone +91 11 5159 0000

Indonesia

PT Clipsal Graha Nusa
Telephone +62 21 630 6430

Korea

Clipsal Korea Co. Ltd
Telephone +82 549 5550

Pakistan

Clipsal Pakistan (Pvt) Ltd
Telephone +92 21 506 7278

Philippines

Clipsal Philippines Inc.
Telephone +632 683 0275-78

South Africa

Clipsal South Africa (Pty) Ltd
Telephone +27 11 314 5200

Taiwan

Clipsal (Taiwan) Co Ltd
Telephone +886 2 2558 3456

Thailand

Clipsal Thailand Ltd
Telephone +66 2 952 5338-42

United Arab Emirates

Clipsal Middle East
Telephone +971 6 5570 777

United Kingdom

Clipsal Integrated Systems
C/o Schneider Electric
Telephone +44 870 608 8 608

Vietnam

Clipsal - VTEC
Telephone +848 856 3002



Clipsal Australia Pty Ltd reserves the right to change specifications, modify designs and discontinue items without incurring obligation and whilst every effort is made to ensure that descriptions, specifications and other information in this catalogue are correct, no warranty is given in respect thereof and the company shall not be liable for any error therein.

© Clipsal Australia Pty Ltd.

The identified trademarks and copyrights are the property of Clipsal Australia Pty Ltd unless otherwise noted.