

MODEL 1002

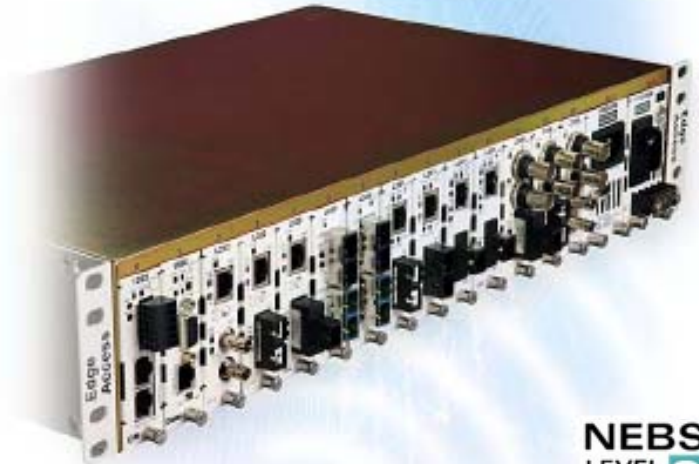
Universal Chassis System

The EdgeAccess® Universal Chassis System (UCS) is a carrier-class system accommodating Canoga Perkins 2U sized Fiber Optic Modems, LAN Extension Intelligent Media Converters and Metro Ethernet Service Units. This allows Service Providers to offer cost-effective multiple fiber optic based services from a common managed platform.

The Model 1002 Chassis is the gateway to the management functions of Canoga Perkins' rackmount product lines. The chassis accommodates up to 14 hot-swappable communications technology modules, redundant power supplies, and systems management cards.

Up to eight UCS 1000 and 1002 Chassis can be linked together, under the control of a single management card, in a domain consisting of up to 480 managed local and remote modules.

The chassis backplane provides a common interface to the management alarm and power buses for all modules, allowing redundancy and interchangeability. Major and minor alarms from any module is routed through the Chassis Interconnect Module (CIM) to an external alert device. Alarm states are presented on Form C relay contacts on the CIM for connecting to external devices and systems.



NEBS
LEVEL 3
CERTIFIED


CWDM
COMPATIBLE

FEATURES:

- **Fully Modular Carrier Class Chassis System**
- **Fault Tolerant and Redundant**
- **Cost-Effective Entry Price**
- **Extensive Modularity for Flexibility**
- **Up to 14 Hot-swappable Modules of Mixed Technology Per Chassis**
- **Up to 8 UCS1000 and UCS1002 Chassis Managed by a Single Management Module and IP Address**
- **Dual AC, Dual DC, or AC/DC Power Supply Combinations**
- **Mounts in 2 RU of Rack Space**
- **SNMP, Menu Driven, and CanogaView® Management Interfaces**
- **Full Configuration Management**
- **NEBS Level 3 Compliant**



World Headquarters

20600 Prairie Street
Chatsworth, CA 91311-6008
Phone (818) 718-6300 • Fax (818) 718-6312
E-mail: fiber@canoga.com

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Universal Chassis System

Specifications

● PHYSICAL

Dimensions

Chassis 3.5"H x 19.0"W x 10.5"
(89mm x 483mm x 267mm)

CIM 3.0"H x 1.0"W x 9.0"D
(76mm x 25mm x 229mm)

DMM 3.0"H x 1.0"W x 9.0"D
(76mm x 25mm x 229mm)

Weight

Chassis 12.9 lbs (5.85 kg)

CIM 5 oz (0.14 kg)

DMM 5 oz (0.14 kg)

● OPERATING ENVIRONMENT

0° to +50°C (32° to 122° F)
with Fan Tray

5% to 90% RH (non-condensing)

● POWER

AC Power Supply

100 VAC to 240 VAC, 50/60 Hz
Auto Ranging, 150W Max.

DC Power Supply

36 VDC to 58 VDC, 135W Max.

● MANAGEMENT

SNMPv1, SNMPv2c and SNMPv3, In-band
Serial EIA-232-E Direct Terminal
CanogaView Smart Element Manager
Telnet, PPP

● FRONT PANEL SWITCHES

Chassis Interconnect module (CIM)
ALM ACK Alarm Relay Reset

Domain Management Module (DMM)

RST DMM Reset/Restart

MDM/TRM DCE – DTE Operation

● DIAGNOSTIC LEDs

Chassis Interconnect module (CIM)

STA System Status

MAJ Major Alarm Status

MIN Minor Alarm Status

CLK System Clock Status

Domain Management Module (DMM)

STA System Status

ACT Management Activity

LNK Ethernet Management Port Status

● CONNECTORS

Chassis Interconnect Module (CIM)

Alarm Relays (Normally Open)

6 Pin

Chassis Interconnection Link

RJ-45 - 8 Pin (Proprietary Signals/Pinout)

Fan Tray

4 Pin - Power & Management

Domain Management Module (DMM)

EIA-232 DE-9 Terminal/Modem

10BASE-T Ethernet Management Port

● REGULATORY COMPLIANCE

ETL, ETLc (UL 60950 CAN/CSA C.22 No. 60950,
EN/IEC 60950)

IEC 60825-1

FCC Part 15B/ICES-003/VCCI Class A

C-Tick (AS/NZS 3548)

EN 55022 Class A, EN 55024

EN 61000-3-2, EN 61000-3-3

NEBS Level 3

CE Mark

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6052500 Rev C



www.canoga.com