

# ConRep Ethernet Network Interface

## >CR-DCXX05S1T1-0



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### Overview

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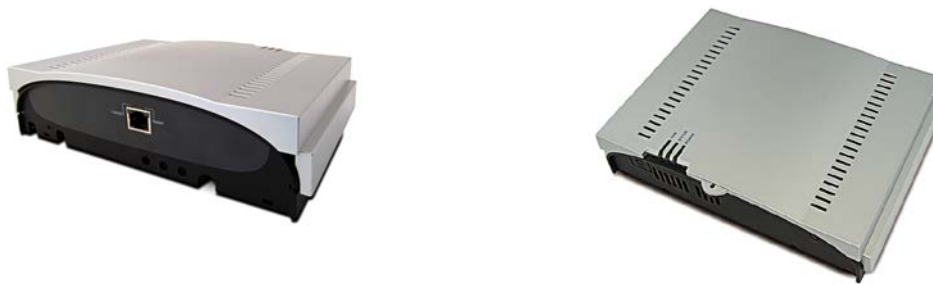
- The CR-DCXX05S1T1-0 is a manageable Ethernet network interface to fit the emerging deployment needs of optical networks.
- The CR-DCXX05S1T1-0 connects electrical Ethernet-based networks to optical networks easily and cost effectively and can be used as a demarcation device.
- Management via SNMP or Web interface.

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### Applications

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- Media conversion (10/100/1000Base-T to 1000Base-X or 10/100Base-T to 100Base-FX).
- Can be combined with wavelength division multiplexing.
- Demarcation.



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### Maintenance levels

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- Supports IEEE 802.3 ah OAM network management.

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### Features

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- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-T, IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-X (CR-DC1005S1T1-0).
- One 10/100/1000Base-T port (CR-DC1005S1T1-0) resp. 10/100Base-T port (CR-DC0105S1T1-0).
- 1000Base-X SFP port (CR-DC1005S1T1-0) resp. 100Base-FX SFP port (CR-DC0105S1T1-0).
- Store and forward switching mechanism.
- Auto crossover for MDI/MDIX in TP port.
- Auto negotiation in TP port.
- Supports Power/WAN/Status/Speed/Link Act LED
- Supports 128kb packet buffer
- Supports 4k MAC addresses
- Supports jumbo frames on all ports up to 9728bytes size.
- Complies with IEEE 802.1p Priority.
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## ConRep Ethernet Network Interface >CR-DCXX05S1T1-0



- Supports QoS Classification based on TOS.
- Supports Q-in-Q VLAN tunneling.
- Supports bandwidth control.
- Compatible with CR-DCCH16 chassis remote module management (by CR-DL-1000-PR).
- Remote port management function:
  - State monitor – model/media/link/speed/duplex/activity/power
  - Port configuration – auto/speed/duplex/flow control
- Supports SNMP/web managed interface.
- Supports power down trap management.
- Supports in-band loop back and diagnostic.
- Build-in cable tray.

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### Technical Specifications

Optical Interface	Interface Type	SFP
	Data Rate	1250Mbps
Electrical Interface	Connector	RJ45
	Data rate	10Mbps, 100Mbps, 1000Mbps (only CR-DC1005S1T1-0)
Standards		IEEE 802.3, IEEE 802.3u, IEEE 802.3ab (only CR-DC1005S1T1-0), IEEE 802.3z (only CR-DC1005S1T1-0), IEEE 802.1p, IEEE 802.1q, IEEE 802.3ah
LEDs		Power, WAN, status, link, speed
Product Spec	Jumbo Frame Size	9728k
	MAC address table	4k (CR-DC1005S1T1-0) 2k (CR-DC0105S1T1-0)
	Memory buffer	128k (CR-DC1005S1T1-0) 48k (CR-DC0105S1T1-0)
Power		External power supply Input AC 120...240V Output DC 12V Power Consumption: 6W
Environment	Temperature	0° – 50°C (Operating) -20° – 60°C (Storage)
	Humidity	5% – 90% non condensing
Power Consumption		6W
Dimensions(WxDxH)		210x147x55mm
Shipping Weight		1.5kg
Certification		CE, FCC Class A

### Ordering Information

#### Order Code:

CR-DC1005S1T1-0 10/100/1000Base-T to 1000Base-X Ethernet network interface  
 CR-DC0105S1T1-0 10/100Base-T to 100Base-FX Ethernet network interface

# ConRep Ethernet Network Interface

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