www.alloy.com.au

DCR12 Series Media Conversion Chassis Systems

12-Slot Chassis for Media Converters with Redundant Power

The DCR12 family is a a range of rackmount chassis systems designed to accommodate Alloy Ethernet, Fast Ethernet, Gigabit Ethernet, ATM, and Serial Media Converters.

DCR12 chassis provide solutions for users to manage large numbers of Media Converters. Up to 12 Converter Modules can be installed per DCR12 chassis. Modules are easily installed in to one of the 12 slots on the front of the chassis.

With Converter modules directly connected to the chassis mainboard, power cables to individual converters are not required, avoiding the 'cable clutter' associated with large numbers of standalone converters.

Individual chassis can be used with either standard 240VAC or auto-ranging 36-72VDC power supply modules.

All DCR12 Chassis can be used with a single power supply, or with a second power supply unit installed into a slide-in rear mount slot to provide power redundancy. AC and DC power supply modules can be used with individual chassis.

All Converter Modules, Power Supply Modules and ventilation fans are designed for 'Hot Swap' installation, enabling modules to be mounted or removed without shutting down the chassis.

High Density Media Conversion

All chassis models support up to 12 Media Converter modules.

Variety of Media Converters

Install any mix of Gigabit Ethernet, Fast Ethernet, Ethernet, ATM and Serial Comms Media Converters.

Cable Types

Individual Media Converter models have UTP, STP and Fibre Optic cable connectivity. A wide variety of fibre optic termination types are supported, including SC, ST, MT-RJ and LC, in both multimode or singlemode.

DCR12 Chassis – front view with Converter Modules

Power Options & Redundancy

Alloy DCR12 series offer individual models to support single power supply 240VAC and 36-72VDC power sources, or load balanced dual 'Hot Swap' dual rendundant power supply with any combination of 240VAC or 36-72VDC power supply modules.

DCR12 Chassis – rear view with dual redundant power supply modules

Simple to Use

All DCR12 models can be rackmounted into your standard 19" Network Rack (rackmount kits included), and 'Hot Swap' Media Converter and Power Modules have a simple 'slide-in' implementation.

Alloy Computer Products (Australia) Pty. Ltd.
4/585 Blackburn Rd, Notting Hill, Victoria 3168
T: +61 3 8562 9000 F: +61 3 9561 7412
W: www.alloy.com.au E: alloy@alloy.com.au

DCR12 Family - Key Features

- ✓ Flexible design for growing networks
- ✓ Install up to 12 converter Modules per chassis
- ✓ Ethernet, Fast Ethernet, Gigabit Ethernet, ATM, and Serial Media Converters Modules available
- ✓ 240VAC and 36-72VDC Power Supply Modules available
- ✓ All Converter Modules, Power Supply Modules and Fans 'Hot Swappable' to avoid network downtime
- ✓ RoHS compliant
- ✓ Dual redundant power supply modules with independent power inputs
- ✓ 2RU 19-inch rackmount chassis

Technical Specifications

Slot Capacity	12 Slide-in units
Media Converter Modules supported	DCR12 Chassis supports Gigabit Ethernet, Fast Ethernet, Ethernet, ATM and RS-232/422/485 serial comms Converter Modules
Power	Single or Redundant Power by slide-in rear mount Power Modules
AC Power Module	■ Voltage 100~240VAC ■ Frequency 50~60Hz ■ Dissipation 60W max ■ Power Consumption: 60 W
DC Power Module	■ Voltage 36-72VDC
Power Redundancy	Any combination of two AC or DC power supply modules can be installed for dual auto-failover redundant power redundancy
Module Installation	All Converter Modules, Power modules and fans 'Hot Swap' designed
Temperature	Ambient: 0°C - 50°C – Storage: -10°C to 70°C
Humidity	5% - 90%
Dimensions	440(W) x 258.6(D) x 89(H) mm, 2 rack units high
Weight:	Chassis: 4.25Kg AC Power module: 0.78Kg DC Power module: 0.78Kg
Diagnostic LED	Power A: Status of power A in use Power B: Status of power B in use ERROR : Power Circuit Malfunction
Compliance	FCC Part 15 Class A, CE Mark Approval & C-Tick

Options

DCR12RAC	12-Slot Chassis with Dual Redundant AC Power Supplies
DCR12AC	12-Slot Chassis with single AC Power Supply
DCR12RDC	12-Slot Chassis with Dual Redundant DC Power Supplies
DCR12DC	12-Slot Chassis with single DC Power Supply
DCR12RADC	12-Slot Chassis with 1x DC and 1x AC Dual Redundant Power Supplies
DCR60AC	AC Power supply module
DCR60DC	DC Power supply module
DCR12MB	Rackmount Kit (replacement – Chassis supplied with Rackmount Kit)

Alloy Computer Products (Australia) Pty. Ltd.
4/585 Blackburn Rd, Notting Hill, Victoria 3168
T: +61 3 8562 9000 F: +61 3 9561 7412
W: www.alloy.com.au E: alloy@alloy.com.au