



Automated Room Controls Inc.

# Dim-R

Panel Mount 0-10V Controller

The Dim-R is a panel-based 0-10V dimming module supporting up to (8) zones. Featuring overvoltage protection, Phoenix connectors, and support for tunable white, it seamlessly integrates with lighting systems. Dim-R enables circadian rhythm automation and daylight harvesting for enhanced energy efficiency.



## PRODUCT FEATURES

- 01** 8 Isolated 0-10V dimming channels to allow for separate circuiting and optimal control (50mA rating per dimming channel)
- 02** Programmable through ARCnet to allow for circadian rhythm automation and daylight harvesting
- 03** Tunable white compatibility for dynamic color temperature control
- 05** Overvoltage protection for enhanced durability and reliability
- 06** Automatic device discovery and adoption via ARCnet

## PRODUCT FEATURES



## TECHNICAL DATA

Dimensions	4.5" H X 4.3" W X 1.36" D
Operating	INDOOR USE ONLY, 32°F TO 100°F
Mounting	DIN RAIL
Output	(8) 0-10V CHANNELS
Power (Input)	24V
Power (Output)	24V
Driver Control	0-10V DIMMING, 100MA MAX/CH
Driver Control	0-10V TUNABLE WHITE, 100MA MAX/CH
Dimming	0-10VDC, 100MA SINKING/SOURCING

## DIMENSIONS

