

# WAC50 Wireless Area Controller

## Product Overview

Daintree Networks' **Wireless Area Controller (WAC)** is the key hardware component of Daintree-based solutions that enable powerful, simple and low-cost access to energy-saving control strategies such as daylighting, occupancy sensing and demand response. It is designed to deliver intelligent local control across a large area for many dozens of interoperable wireless control devices from Daintree partners.

Built on Daintree's **ControlScope™ wireless platform**, the WAC collapses complex control panels, gateways and miles of wires into a single powerful controller. Using open and interoperable ZigBee® standards-based technology, the WAC communicates with standards-compliant sensors, switches, ballasts and LED drivers to transform basic room controls into a complete wireless control solution. A WAC can independently control a single extended area, and multiple WACs can be connected together through an Ethernet network to scale the system to many hundreds or thousands of lights across a distributed enterprise.



Specifications	
<b>Dimensions</b>	9.4" H x 8" W x 1.2" D
<b>Weight</b>	1.06lb (480g)
<b>Operating Environment</b>	-13°F - +122°F (-25°C - +50°C)
<b>Status Indicator</b>	Green (Normal Operation) Orange (Attention Required) Red (Error Condition)
<b>I/O</b>	2 10/100 Mbps Ethernet 2 USB Type-A (host) 1 USB Mini-B (device) 1 microSD memory card 1 2.1mm barrel (power) 2 Button (configuration)
<b>RF</b>	2.4GHz ISM Band 100mW (+20dBm)
<b>Power</b>	5V DC 1.5A
<b>Warranty</b>	5 Years Annual Support Plan

Specification Data			
Catalog #		Type	
Project			
Comments			
Prepared by		Date	

Ordering Number	Description
<b>WAC50-N25</b>	Wireless Area Controller (with 25 Wireless Node license)
<b>WAC50-N50</b>	Wireless Area Controller (with 50 Wireless Node license)
<b>WAC50-N100</b>	Wireless Area Controller (with 100 Wireless Node license)

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