Enterprise System Controller (SC7x)

Daintree Wireless Solution

The **Enterprise System Controller (SC7x)** is part of the Daintree product portfolio, an open networked wireless controls solution for lighting and building control, monitoring, and optimization. Daintree controls provide a highly scalable solution to address evolving environmental regulations and transform spaces into intelligent environments for buildings of all sizes.

Consisting of three components, Daintree includes sensors and controls at the edge, an open API cloud platform, and software apps to help facility managers make decisions based on how space and assets are actually being used using a data-rich sensor network. Benefits of adding wireless Daintree controls include:

- Up to 50% Energy savings across lighting, HVAC, plugload, fans and more

- Visibility into energy usage, trends and insights to optimize operations

- Automated demand response, superior comfort and lower maintenance expense

- Regulatory compliance with Title 24; 2005 EnergyPolicy Act; 2007 Energy Independence and Security Act; 2009 DOE Regulations

Daintree Wireless Solutions Product Overview

The SC7x is a computing appliance that hosts the **ControlScope Manager** web application – the primary user interface into the system. It provides processing and storage to enable capture and reporting of energy usage, system alerts, and event information. The SC7x is also used to coordinate the activities of multiple Wireless Area Controllers (WACs) over a standard Ethernet network.

The SC7x is an enterprise class rackmount server providing a familiar form factor for easy deployment and integration into existing IT infrastructures. It also offers increased performance and scalability to manage large, multi-facility and multi-building systems.

Daintree Network Architecture

Enterprise System Controller (SC7x)

Enterprise System Controller (SC7x)

Warranty

Current offers a limited Warranty across its Daintree Portfolio. The table below summarizes the Warranty terms. For additional information, please review the Limited Warranty Document on the Daintree Homepage.

Component	Warranty Period	Coverage Details
Daintree Software	1 year (on-premise installed Software) Subscription term (SaaS) 3 years	GE warrants that as long as all applicable fees due are paid, Daintree Software will substantially conform to the applicable published documentation and published specifications for the Warranty Period.
System Controller	3 years	100% parts coverage. Warranty for non-Daintree software (such as operating system software) is provided by the respective software; GE makes no warranty with respect to non-Daintree software.
WACs	5 years	100% parts coverage
Wireless Adapters	5 years	100% parts coverage
Wireless Devices	5 years	100% parts coverage, excluding batteries
Wireless Thermostats	2 years	100% parts coverage

Specifications

Dimensions	1.7" H x 19" W x 16.9" D (42mm H x 483mm W x 429mm D)
Form Factor	1U rackmount appliance Standard 19" rack Rack rails or wall mount kit included
Operating Environment	50°F to 95°F (10°C to 35°C) 20% to 80% RH (non-condensing)
Processor (intel)	Intel® Xeon Quad Core Processor (3.1 GHz or greater)
Storage	SATA HDD (2) 500 GB or greater
Memory	16 GB or greater
Operating System	Ubuntu Server, Version 14.04
I/O	(2) 10/100/1000 Ethernet (4) USB 2.0
Power	90-264 VAC universal input
Warranty	3 Years (included)
System Backup	External USB flash drive
Redundancy	RAID 1 (hard drive mirroring)

Product Code	Product Description
SC72	Enterprise System Controller (Rack Mount)
SC72-W	Enterprise System Controller (Wall Mount)
SC72-H	Enterprise System Controller, Hosted