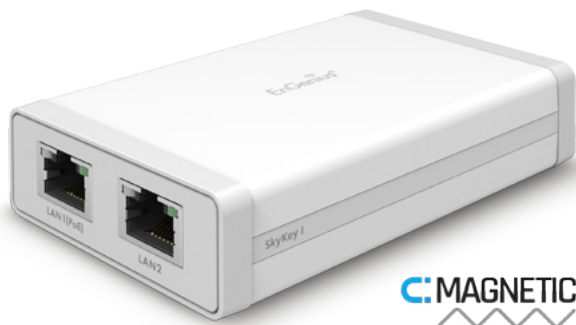# EnGenius

SkyKey
EnGenius SkyKey I Network Management Controller

C: MAGNETIC

For IT managers or administrators at small and midsize businesses who need to quickly and easily manage access points and switches, SkyKey's intuitive interface and simple plug-and-play integration securely provide efficient device management, cloud accessibility that allows remote management of multiple SkyKeys from a single cloud portal and visibility without requiring a dedicated server.

- Network Management for Up-To 100 EnGenius APs & Switches
- Provides On-Premises and Subscription-Free Cloud Network Management Capability.
- Built-in Powerful Qual-Core CPU
- Plug and Play Installation. Simply plug into Ethernet Switch, no additional downloads or training required.
- Simple, Intuitive interface via ezMaster Network Management software for local or remote AP & Switch configuring & monitoring.
- Save up to 7 Days of Management Data
- Micro SD Slot for Extra Back-Up
- 802.3af/at or DC12V Input Power Source

Features & Benefits

Flexibility −
IT administrators choose cloud or direct on-premise network management giving full control over the managed network. SkyKey also allows administrators to use a combination of both methods to create the most efficient process for their company.

Convenience −
With its compact size, SkyKey fits in small spaces and can be arranged in many different configurations, including stacking and side-by-side. The magnetic backing ensures the device stays securely on the side of a server rack or top of a switch. Unlike similar products, SkyKey does not repeatedly fall off equipment and wear down cables.

Efficiency −
SkyKey provides a single place to view status and analytics of up to 100 devices and perform administrative tasks on both wired and wireless devices. With its detailed analytics, administrators view all the data in a single location and can make informed business decisions. To save even more time, administrators can troubleshoot and resolve issues from the management interface.

Simplicity −
It requires no complex installation or integrations — simply plug and play. Instead of spending hours setting up the device, SkyKey is running within minutes instead of hours or days. All software and integrations automatically install − no additional downloads or configuration. With the intuitive interface, no technical expertise or training is required − just a few clicks.

Security −
Because SkyKey is installed at each deployment site, the device offers an always-on, secure, single sign-on service. SkyKey security protocols increase the protection of your data and devices..

Technical Specifications

Hardware Specifications

CPU:

Model: Qualcomm IPQ4019

Architecture: 32-bit

Clock Rate: ARM A7 Quad Core 717MHz

Hardware Encryption Acceleration: Yes

Memory:

System Memory: 1GB DDR3

Memory Slot Storage:

eMMC: 4GB (MLC)

Interfaces and LEDs

2 x 10/100/1000 Mbps RJ45 ports
(1 x PoE 802.3 af)

1 x Micro SD Slot

1 x DC-Input Jack

1 x Reset Button

1 x Power LED (Orange)

2 x LAN LED (Green)

Operating:

Temperature: 0°C~40°C (32°F~104°F)

Humidity: 0%~90% typical

Storage:

Temperature: -40°C~80°C (-40°F~176°F)

Humidity: 0%~90% typical

Management

Manage up to 100 EnGenius Devices
(Access Points or Switches)

Reserving Suration of Managerial Data

Maximum 7 days for 100pcs of Access
Points and switches

Dashboard

Managed Access Points / Switches

System Resource Usage

— CPU: Usage (%) of CPU for SkyKey

— Memory: Usage (%) of Memory for
   SkyKey

— Disk: Usage (%) of Disk for SkyKey

System Overview

Recent Projects

Global Settings

Account Management (Multi-Tenant)

— Master

— Users

— Guests

E-Mail Alert

Backup/Restore

— **Option 1:** Backup configure files
   to SkyKey

— **Option 2:** Backup config files to Micro
   SD card.

Note: Save up to 5 configuration file.

Reboot/Reset SkyKey

Background Scanning

Auto Transmit Power

Auto Channel

Diagnostic

Software Update

Device Inventory

Register EnGenius devices
(AP or Switches)

Project

Device Management

Summary

Device Configuration

— SSID Setting

— Hidden SSID in Beacons

— VLAN Per SSID

— Fast Roaming (802.11k)

— Band Steering

— NAS IP

— NAS ID

— NAS Port

— L2 Isolation

— Whited List/Blocked List per SSID

— Traffic Shaping

AP Groups

Schedule

— Schedule Settings

— Reboot

— Scheduler for SSID

Monitoring

Rogue AP Detection

Active Clients

Visualization

Topology View

Map View

Floor Plan View

Mesh View

Statistics

Access Point

Wireless Client Information

Real Time Throughput

Hotspot Service

Captive Portal (NAT / Bridge mode)

Guest Account

Maintenance

Bulk Update

Bulk Update (Switch)

AP Remote Log

Supported Models

EWS Series

EAP Series

ENS Series

ENH Series

EnStation Series

Dimensions & Weights

SkyKey I (Device)

Weight: 0.17 lb (79g)

Length: 3.93" (100mm)

Width: 2.32" (59mm)

Height: 0.90" (23mm)

Packaging

Weight: 0.22 lb (100g)

Length: 4.80' (124mm)

Width: 2.94' (74.8mm)

Height: 1.50' (38.32mm)

Master Carton

Weight: 0.22 lb (4.5kg)

Length: 7.70" (195.6mm)

Width: 6.04" (153.6mm)

Height: 9.92" (252mm)

Technical Specifications

40 pcs per carton

Certification

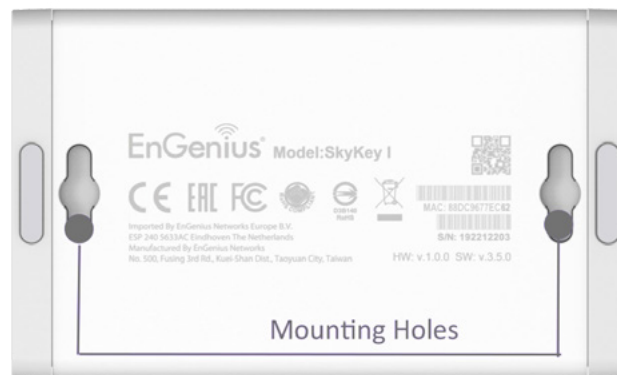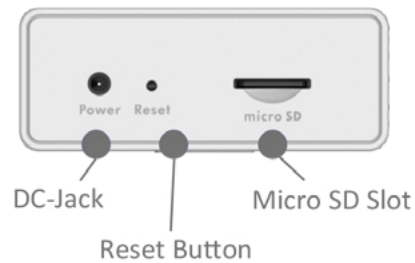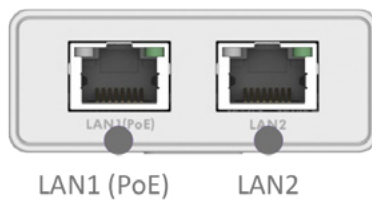| |
|---|
| FCC |
| Subpart15 B |
| CE |
| IC |
| EN 55032 |
| EN 55035 |
| Low Voltage Directive 2D14/30EU |

Mounting

Ceiling Mounting
Assemble a mounting bracket for drop ceiling
Wall Mounting
Mount Access Point on a flat wall via included accessories

Package Contents

1 – SkyKey I
1 – Quick Install Guide
1 – Wall Mount Accessories
(Exclude Power Adatper)

Warranty

1 Year

LAN1 (PoE)   LAN2

DC-Jack   Reset Button   Micro SD Slot

Mounting Holes