



WeR@Home⁺

Hub Datasheet



ES8400CP
Home Management Hub

Product

The WeR@Home+™ hub is an intelligent, home control panel for managing and communicating with the on-site WeR@Home+™ peripherals. The Hub is the central gateway that connects to the WeR@Home+™ Servers. Features include:

- User remote control and management access to the system, via the cloud, using iOS™ and Android™ devices
- Smart home enabled
 - Supports BLE and Z-Wave 700 chipset
 - Automation with smart rules
- Tamper detection
- Four zone arming
- Ethernet, LTE, and Wi-Fi enabled
- Support for up to 32 users
- Works with up to 128 peripherals
- Supports automatic over-the-air software programming and configuration upgrade (RSU)
- Accessories included:
 - Rechargeable backup battery
 - Ethernet LAN cable
 - Universal power adapter/charger

WeR@Home™ Smart Living

The WeR@Home+™ suite allows living life fully through smart connected homes

- Home security and safety at the core
- Notifications of security events and remote management of the home in real time
- Manage connected home devices with Z-Wave®
- Smart Rule engine for automation – decide which device, condition, or event will trigger which actions and at what time
- Live HD video – anytime, on any screen
- Save energy and money by ensuring that lights and air conditioning are turned off when not at home

Specifications

COMMUNICATIONS

- **Maximum RF range:** 600 m (1,968 ft.) open air
- **Maximum transmission:** 10 mW (10 dBm)
- Proprietary bi-directional radio protocol
- **Modulation and frequency:** DSSS, 2.4 GHz
- **Data security:** 128 bit AES encryption
- **Channels:**
 - **Ethernet:** 10/100/1000 MB/s
 - **LTE:** Automatic APN setting and support for 700, 1700/2100, 1900, 2500/2700 MHz bands
 - **Wi-Fi:** 2.4 GHz/5 GHz, 802.11 a,b,g,n and Wi-Fi 5 (802.11ac)

POWER

- 100-240 V AC to 5 V DC, 50/60 Hz power adapter/charger
- 3.7 V 1.4 Ah Li-polymer rechargeable backup battery - up to 12 hours

DIMENSIONS

- **Size (H x W x D):** 141 x 75 x 41 mm (5.6 x 3 x 1.6 in.)
- **Weight:** 125 g (0.28 lb.) + 35 g (0.08 lb.) backup battery

ENVIRONMENT

- **Storage ambient temperature range:** -20°C to 60°C (-4°F to 140°F)
- **Operating ambient temperature range with battery:** -5°C to 55°C (23°F to 131°F)
- **Operating humidity:** Up to 95% non-condensing

COMPLIANCE

- CE
- Certification ready:
 - EN 50131-3: 2009
 - EN 50131-5-3: 2017
 - EN 50131-10: 2014
 - EN 50136-2: 2013
 - EN 50131-6: 2017



ESUGSL103 Rev. 1.0 For more information, go to: <http://essence-grp.com/resources/smart-living-download.html>