WeR@Home™

Hub
Datasheet

ES8000CP
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 mobile app and to the WeR@Home™ Servers. Features include:

- User remote control and management access to the system, via the cloud, using smartphones, tablets, and PCs
- User interface software available for iOS™ and Android™ operating systems and Windows®-based browsers
- Optional built-in 3G/4G(HSPA+) modem with automatic APN setting and support for 850/900/1800/1900 MHz bands
- Support of up to 64 security peripherals, 24 safety peripherals and up to 32 users, including two master users
- Home automation functionality from the Z-Wave® network can be integrated with WeR@Home™ by connecting the Z-Wave® Plus Extender
- Support of automatic over-the-air software programming and configuration upgrade (RSU)
- Accessories included:
    - o Rechargeable backup battery
    - o Ethernet LAN cable
    - o Universal power adapter/charger

Specifications

COMMUNICATIONS
- **Maximum RF range:** 600 m (1,968 ft.) open air
- **Maximum transmission:** 25 mW (14 dBm)
- Proprietary bi-directional radio protocol
- **Modulation and frequency:** DSSS, 2.4 GHz
- **Data security:** 128 bit AES encryption
- **Cloud (internet):**
    - o LAN/ethernet port: downlink 384 kBps, uplink 120 kBps
    - o Optional 3G/4G (HSPA+) support (separate PN)

POWER
- 100-240 V AC to 5 V DC power adapter/charger
- 3.7 V 1.4 Ah Li-polymer rechargeable backup battery (up to 3 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:** -20ºC to 60ºC (-4ºF to 140ºF)
- **Operating ambient temperature range with battery:** -5ºC to 50ºC (23ºF to 122ºF)
- **RF operating humidity:** Up to 95% non-condensing

COMPLIANCE
- **FCC:** cellular/non-cellular version - YXG-ES8000GP/Y4I- ES8000CP
- **IC:** cellular version - 11061A-ES8000GP

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
- Modular and expandable - manage connected home devices with Z-Wave® expansion
- 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

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Better life made possible™