

dormakaba Gateway GEN II



Features

- End-to-End Encryption
- Radio Frequency (RF) communications at 2.4 GHz, which is globally license-free
- Secure networking (128 AES encryption)
- Self-forming networks
- ZigBee Prostack standard (large scale, network stability, resilient):
 - Ideal for large scale properties (thousands of nodes)
 - Asymmetric link handling
 - Network stability even when nodes are within close proximity
 - Extended battery life with deep and special parent functions
 - Resilient – ensured by frequency agility

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Elevating residential facility security infrastructure with the dormakaba Gateway GEN II, an online device seamlessly connecting standalone electronic door locks and the access control system through the ZigBee communications protocol. Purpose-built for dormakaba Zigbee enabled locks, this gateway reinvents how you manage and monitor access in your multifamily establishment.

The GEN II Gateway serves as the vital link between your facility's access control system and the Zigbee-enabled locks,

ensuring a robust and responsive connection. Enjoy the benefits of wireless communication and data transfer, allowing you to effortlessly oversee and control door access remotely.

Designed for any facility, this wireless online gateway system offers two-way communication and facilitates a dynamic interplay between the software platform and electronic locks. It allows facility management to monitor and manage all door activity, optimizing work processes and enhancing the overall resident experience.

Our Gateway GEN II enables seamless, secure, and efficient wireless connectivity in the realm of facility access control.

Applications

The dormakaba Gateway GEN II online system is ideal for all high-end apartments, condos, and residential multifamily facilities seeking the ultimate in security and resident experience while maximizing operational efficiency.

Physical Characteristics

Standards / Protocols	2.4 GHz DSS, IEEE 802.15.4, ZigBee compliant platform, DHCP, DNS Discovery
I/O Port	1 x 100 Mbit PoE capable Ethernet
Cabling Type	Ethernet – RJ45 Cat 5 or better
Dimensions	3.6W x 1.025H x 5.37L inches (91.44W x 26.03H x 136.4L mm)
RF Data Rate	3 Mbps
RF Sensitivity	Better than -97dBm
Transmit Power	<ul style="list-style-type: none">• 10 mW for 74562 (Europe/Asia)• 158 mW for 74563 (North America)• 87 mW for 74564 (International)
Power Input	5VDC +/- 0.25V for USB and 37 to 57VDC for PoE
Environmental Conditions	<ul style="list-style-type: none">• Operating Temperature: 0 to 50 °C (32 to 122 °F)• Humidity: 0 to 95% RH, non-condensing• Indoor Range: 30-55 meters (74563); 25-40 meters (74564); 20-30 meters (74562)

Certifications

Standards	<ul style="list-style-type: none">• RoHS Compliant• Power Over Ethernet (PoE) Power Sources for Access Control Systems and Equipment [UL294B:2013 Ed.1+R:02Feb2015]• Alarm and Electronic Security Systems - Part 11-1: Electronic Access Control Systems - System and Components Requirements [CAN/ULC 60839-11-1:2016 Ed.1]• Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements (R2019) [CSA C22.2#62368-1:2014 Ed.2]• Complies with FCC part 15C class A and RSS210• Complies with CE Radio Equipment Directive 2014/53/EU
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Any questions? We would be happy to advise you.

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