**Datasheet**

**Armiti Zigbee Wifi-Ethernet Room Module AR1302.02**

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|  | The KNX-Zigbee Room Gateway is a perfect solution to integrate VingCard ZigBee door locks with KNX/IP networks for KNX hotel solutions such as ABB i-bus KNX® systems.  The device connects securely the Vingcard and KNX subsystems -as a Gateway- and passes/converts information through their different protocols. It further conveys the activity reports and commands to/from the Vingcard and KNX servers. The device further provides unique IP addresses allowing connection to local network through wired (Ethernet 10/100) or wireless (WiFi) communication. |

**Key Features**

1. Provides Secure Wired/Wireless Connection to KNX Networks
2. Supports All KNX Telegrams
3. Transparent to ETS Server activities
4. Integrated Securely with KNX System and ETS server
5. Conveys Vingcard Door Lock Events to the Visionline Server Securely
6. Performs KNX Scenarios Locally According to Door Events
7. Wired (Ethernet 10/100) Network Connection to KNX IP Interfaces
8. Wireless (ZigBee) Connection to Door Lock
9. Provides Unique IP Per Room on Wireless or Wired Local Network
10. Logs all the Desired Status and Communication Information
11. Decision Making on Special Events and Performing Predefined Scenarios on KNX Network
12. Lots of Add-on Features
13. Supports Configuration after Installation through the Device Secure Web Interface
14. Small/Light Package

**Technical data**

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| **Wired Connections** | 1x Power Connector  2x Ethernet (10/100) Connectors |
| **Wireless Connections** | ZigBee  WiFi |
| **Enclosure** | IP20 DIN |
| **Working Temperature** | 0 to 70 °C |
| **Ambient condition** | Maximum Air Humidity 93 %, No Condensation Allowed |
| **Design** | Modular installation device (MDRC)  4MW  Dimensions (WxHxD) 10x90x10 mm |
| **Weight** | 0.138 kg |
| **Installation** | On 35 mm mounting rail |
| **CE mark** | In Accordance with the EMC Guideline and Low Voltage Guideline (TBD) |
| **Housing Color** | White/Gray |
| **Input Power Supply** | 9 to 32 Volts DC |
|  | Supports current IP Interfaces Supply - (12‐30 VDC) |
| **Power Consumption** | Peak 10 Watts, Typical 4 Watts (3 Watts with WiFi off) |
| **Antennas** | 2xExternal |
| **Communication** | Ethernet  Wireless WiFi, IEEE802.11 (b/n/g) 2.4 GHz  Wireless Zigbee, IEEE 802.15.4 2.4 GHz |
| **Buttons** | 1x Commissioning Push Button |
| **LEDs** | 1x Status LED  2x Ethernet Activity LEDs, One LED on Each of 2 Connectors |