# Technical Information

| Product Description | |
|---|---|
| **Type** | **BAT867-R** |
| **Description** | 802.11ac Industrial Wireless LAN Access Point/Client |
| **Port Type and Quantity** | 1 x WLAN Interface, 1 x LAN port 10/100/1000BASE-TX |
| **Radio Standard** | IEEE 802.11a/b/g/n/ac WLAN Interface, 2 x 2 MIMO up to 867 Mbit/s gross bandwidth |
| **Radio Technology** | |
| **Antenna Connector** | 2 x RSMA |
| **Range** | Depending on type of antenna, frequency range and data rate |
| **Frequency Band** | Supporting 2.4 GHz and 5 GHz: 2412 to 2472 MHz and 5180 to 5825 MHz |
| **Modulation** | OFDM: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM |
| **Radio Topology** | WLAN access point, bridge, router, point-to-point, client, client-bridge mode |
| **Encryption** | IEEE 802.11i/WPA2 with passphrase or 802.1x and hardware-accelerated AES, closed network, WEP64, WEP128, WEP152, user authentication, 802.1x/EAP, LEPS, WPA1/TKIP, fast roaming with Opportunistic Key Caching. Please refer to the HiLCOS data sheet for further information. |
| **Interfaces** | |
| **Ethernet** | 1 x RJ45 (10/100/1000BASE-TX data rates) |
| **Reset Button** | Available |
| **LED** | 3 |
| **Power Requirements** | |
| **Operating Voltage** | 1 x 24 V DC |
| **Ambient Conditions** | |
| **Operation Temperature** | -10 °C to +60 °C |
| **Storage/Transport Temperature** | -40 °C to +70°C |
| **Mechanical Construction** | |
| **Dimensions (W x H x D)** | 50 x 147.5 x 122.5 mm |
| **Mounting** | DIN Rail |
| **Protection Class** | IP40 |
| **Approvals** | |
| **Safety of Information Technology Equipment** | EN 60950-1, UL 60950-1 (pending) |
| **Radio** | EN 300 328 (2.4 GHz), EN 301 893 (5 GHz), FCC/CFR 47 part 15, IC (Industry Canada), EN 301 489-1, EN 301 489-17, EN 61000-6-2 |
| **Environmental** | EN 61131 |

**NOTE:** These are the prominent technical specifications. For complete technical specifications visit: www.hirschmann.com

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The information/details merely contain general descriptions or performance factors which, when applied in an actual situation, do not always correspond with the described form, and may be amended by way of the further development of products.

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