



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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