Industrial Ethernet:Industrial Wireless LAN:Devices:BAT867-R:BAT867-R

http://dev-catalog.beldensolutions.com/link/57078-24455-49859-24497-488175-500755/en/BAT867-REUW99AU999AT199L9999H09.14.5700/uistate

Name	BAT867-R
	Rugged wireless LAN access point and/or client with IEEE 802.11ac for use in industrial environments.

Delivery informations	
Availability	available

Product description	
Description	Rugged wireless LAN access point and/or client with IEEE 802.11ac for use in industrial environments.
Port type and quantity	Interface1: - Ethernet port 1 : RJ 45 (10/100/1000BASE-TX data rates)
Radio Standard	IEEE 802.11a/b/g/n/ac WLAN interface as per IEEE 802.11ac, up to 867 Mbit/s gross bandwidth.
Additional radio features	2x2 MIMO
Type	BAT867-REUW99AU999AT199L9999H09.14.5700
Order No.	942183999

More Interfaces	
Power supply/signaling contact	1 x plug-in terminal block, 2-pin

Radio technology	
Antenna connector	2 × RSMA
Range	Depending on antenna used, 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
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. Please refer to the HiLCOS data sheet for further information.

Power requirements	
Operating voltage	Voltage Range 1: 24 VDC (19.2-32 VDC)
Power consumption	Maximum power consumption : 9 W

Ambient conditions	
Operating temperature	-10 ℃ ... 60 ℃
Note	Temperature of the surrounding air.
Storage/transport temperature	-40 ℃ ... 70 ℃
Relative humidity (non-condensing)	10 % ... 95 %
MTBF (Telcordia)	286.8 years; Telcordia SR-332; Gb 25℃
Protective paint on PCB	No

Software	
Software features	High performance operating system for the Hirschmann BAT products. Supports all WLAN functions, routing, firewall, VLAN, and redundancy. IPv6 in preparation. All BAT867-R devices operate as either standalone access points or as managed access points in combination with a BAT WLC Controller. Please refer to the HiLCOS data sheet for further information.

Mechanical construction	
Dimensions (W x H x D)	50 mm x 147.5 mm x 122.5 mm
Mounting	DIN Rail
Protection class	IP40

Approvals	
Basis Standard	CE, EN 61131
Safety of information technology equipment	EN 60950-1
Radio	RED - EN 300 328 (2.4 GHz) EN 301 893 (5 GHz) EN 302 502 (5.8 GHz) , EN 301 489-1, EN 301 489-17, EN 61000-6-2
Railway norm	EN50121-4

Scope of delivery and accessories	
Scope of delivery	Device, Quick installation guide; 1 × premounted 2-pin terminal block for the supply voltage
Accessories to order separately	External antennas; External surge protection; Cables 2m, 5m, 15m

For more information please contact:

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