




## Product information BAT54-Rail - FCC

Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-Rail:BAT54-Rail - FCC

<http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78528-64329/en/conf/ui/istate>

Name	BAT54-Rail - FCC
	
	Dualband Industrial Wireless LAN Access Point/Client with two independent radio modules with IEEE 802.11a/b/g/h/i. With FCC-approval for USA and Canada.
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
Description	Dualband Industrial Wireless LAN Access Point/Client with two independent radio modules with IEEE 802.11a/b/g/h/i. With FCC-approval for USA and Canada.
Port type and quantity	2 x WLAN interfaces, up to 8 SSIDs per WLAN interface, two LAN ports 10/100BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af
Type	BAT54-Rail - FCC
Order No.	943 926-022
<b>Radio technology</b>	
Antenna connector	4 x RP-SMA jack antenna connectors
Range	Depending on type of antenna, frequency range and data rate
Frequency band	2 x independent radio modules, each 2.4 GHz and 5 GHz: 2400-2483,5 MHz (ISM) and 5150-5850 MHz
Modulation	22M0F7D(DSSS/OFDM) @ 2.4 GHz 20M0G7D (OFDM) @ 5 GHz
Radio topology	WLAN access point, bridge, router, point-to-point, client, client-bridge mode, WDS - Wireless Distribution System, fixed mesh with RSTP
<b>Power requirements</b>	
Operating voltage	2 x DC 24 V; DC 12 V ; 1 x Power over Ethernet according to IEEE802.3af; all power supplies redundant to each other
Current consumption at 24 V DC	417 mA
Current consumption	DC 12 V: 625 mA; DC 24 V: 417 mA; PoE (48 V DC): 167 mA
<b>Ambient conditions</b>	
Operation temperature	-30 °C to +50 °C
Storage/transport temperature	-40 °C to +70 °C
Relative humidity (non-condensing)	max. 95%
MTBF	43.3 years
<b>Mechanical construction</b>	
Dimensions (W x H x D)	80 mm x 100 mm x 135 mm
Mounting	for wall and Din Rail mounting
Protection class	IP 40
<b>Approvals</b>	
Safety of information technology equipment	EN 60950
Radio	FCC IDENTIFIER: U99BAT54RAIL, IC Certification Number: 4019A-BAT54R; For other notifications or certifications please refer to INET-Sales@hirschmann.de
Environmental	EN 61000-6-2, EN 61131 for use in automation environment; E1 certification for use in vehicles; Nonincendive for Class I, Division 2, Groups A, B, C and D, and Class I, Zone 2, Group IIC Hazardous (Classified) indoor Locations
<b>Scope of delivery and accessories</b>	
Scope of delivery	Device, CD, serial cable, 2 x 3-dBi-Dipol - Dualband antennas, 2 x 50 Ohm terminators
Accessories to order separately	External antennas for 802.11b/g and 802.11a/h operation; adapter cable and surge arrestor

For more information please contact:



# HIRSCHMANN

A **BELDEN** BRAND

**Hirschmann Automation and Control GmbH**

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: [inet-sales@belden.com](mailto:inet-sales@belden.com)

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.