




Product information BAT54-Rail Single BG

Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-Rail:BAT54-Rail Single BG

<http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78528-118275/en/conf/uisstate>

Name	BAT54-Rail Single BG
	
	Dualband Industrial Wireless LAN Access Point/Client with one independent radio modules with IEEE 802.11a/b/g/h/i
Delivery informations	
Availability	available
Product description	
Description	Dualband Industrial Wireless LAN Access Point/Client with one independent radio modules with IEEE 802.11a/b/g/h/i
Port type and quantity	1 x WLAN interface, up to 8 SSIDs per WLAN interface, one LAN port 10/100BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af
Type	BAT54-Rail Single BG
Order No.	943 926-305
Radio technology	
Antenna connector	2 x RP-SMA jack antenna connectors
Range	Depending on type of antenna, frequency range and data rate
Frequency band	1 x radio module, supporting 2.4 GHz: 2400-2483,5 MHz (ISM)
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
Power requirements	
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
Ambient conditions	
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
Mechanical construction	
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
Approvals	
Safety of information technology equipment	EN 60950
Radio	EN 300328, notified in all countries of EU. 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; Atex Zone 2, II 3G Ex nA II T4, -30°C...+50°C; DEKRA 11ATEX0007 X
Scope of delivery and accessories	
Scope of delivery	device, CD, serial cable, Ethernet cable (3 m), 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 arrester

For more information please contact:
Hirschmann Automation and Control GmbH



HIRSCHMANN

A **BELDEN** BRAND

Stuttgarter Strasse 45-51
72654 Neckartenzlingen
Germany
Phone: +49 7127/14-1809
E-Mail: 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.