Product information
BAT54-Rail Client - FCC

Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-Rail:BAT54-Rail Client - FCC	
http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78528-64428/en/conf/uistate	
Name	**BAT54-Rail Client - FCC**
	Dualband industrial Wireless LAN client withtwo independent radio modules with IEEE 802.11a/b/g/h/i.With FCC-approval for USA and Canada.
Delivery informations	
Availability	available
Product description	
Description	Dualband industrial Wireless LAN 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	1 x WLAN interface, up to 8 SSIDs, 1 x LAN port 10/100 BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af
Type	BAT54-Rail Client - FCC
Order No.	943 926-522
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, 2.4 GHz and 5 GHz:
	2400-2483.5 MHz (ISM) and 5170-5810 MHz
Modulation	22M0F7D(DSSS/OFDM) @ 2.4 GHz
	20M0G7D (OFDM) @ 5 GHz
Radio topology	WLAN access client-, client-bridge-modus, 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 supllies 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 ºC to +50 ºC
Storage/transport temperature	-40 ºC to +70 ºC
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	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
Scope of delivery and accessories	
Scope of delivery	Device, CD, serial cable, 2 x 3-dBi-Dipol - Dualband antennas, 2 x 50 Ohm terminator
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 Automation and Control GmbH
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.