




Product information BAT54-F Client

Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-F:BAT54-F Client	
http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78529-46004/en/conf/uisstate	
Name	BAT54-F Client
	
	Dualband Ruggedized Industrial Wireless LAN Access Client with one radio module with IEEE 802.11a/b/g/h/i for installation in harsh environment.
Delivery informations	
Availability	available
Product description	
Description	Dualband Ruggedized Industrial Wireless LAN Access Client with one radio module with IEEE 802.11a/b/g/h/i for installation in harsh environment.
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-F Client
Order No.	943 959-117
Radio technology	
Antenna connector	2 x N-type jack antenna connectors
Range	depending on type of antenna, frequency range and data rate - please use the antenna distance calculator
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; 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 24 V: 417 mA; PoE (DC 48 V): 167 mA
Ambient conditions	
Operation temperature	-30 °C up to +55 °C
Storage/transport temperature	-40 °C up to +70 °C
Relative humidity (non-condensing)	max. 95%
MTBF	43.3 years
Mechanical construction	
Dimensions (W x H x D)	261 mm x 189 mm x 55 mm
Mounting	for wall and mast mounting
Protection class	IP 65, IP 67
Approvals	
Safety of information technology equipment	EN 60950
Radio	EN 300328, EN 301893
Environmental	EN 61000-6-2, EN 61131 for use in automation environment; E1 certification for use in vehicles; EN50155 for use in trains; Tested for salt spray according to DIN EN 60068-2-52
Scope of delivery and accessories	
Scope of delivery	Device, 2 dipole antennas, CD, M12 connector, 1 x 50 Ohm terminator, mounting material
Accessories to order separately	External antennas for 802.11b/g and 802.11a/h operation adapter cable and surge arrester, mast mount material

For more information please contact:

Hirschmann Automation and Control GmbH
Stuttgarter Strasse 45-51



HIRSCHMANN

A **BELDEN** BRAND

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.