




Product information BAT54-F

Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-F:BAT54-F

<http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78529-64430/en/conf/uisstate>

Name	BAT54-F
	
	Dualband Ruggedized Industrial Wireless LAN Access Point/Client with two independent radio modules 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 Point/Client with two independent radio modules with IEEE 802.11a/b/g/h/i for installation in harsh environment
Port type and quantity	2 x WLAN interfaces, 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
Order No.	943 959-112
Radio technology	
Antenna connector	4 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	2 x independent radio modules, each 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 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; 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	-20 °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, 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; 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, 2 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



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