




Product information BAT54-F Client BG

Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-F:BAT54-F Client BG
<http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78529-99224/en/conf/uisstate>

Name	BAT54-F Client BG
	

Single band 2.4 GHz Ruggedized Industrial Wireless LAN Access Client with one radio module with IEEE 802.11b/g/i for installation in harsh environment.

Delivery informations

Availability	available
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Product description

Description	Single band 2.4 GHz Ruggedized Industrial Wireless LAN Access Client with one radio module with IEEE 802.11b/g/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 BG
Order No.	943 959-217

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: 2400-2483.5 MHz (ISM)
Modulation	22M0F7D(DSSS/OFDM) @ 2,4 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
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 operation adapter cable and surge arrestor, mast mount material

For more information please contact:
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