


## Product information

### BAT300-F BGN

Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-F:BAT300-F BGN

<http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78529-82428/en/conf/ui/istate>

<b>Name</b>	<b>BAT300-F BGN</b>
	
	Singleband 2.4 GHz Ruggedized Industrial Wireless LAN Access Point/Client with one radio module with IEEE 802.11n for installation in harsh environment.
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Description</b>	Singleband 2.4 GHz Ruggedized Industrial Wireless LAN Access Point/Client with one radio module with IEEE 802.11n for installation in harsh environment.
<b>Port type and quantity</b>	1 x WLAN interface, up to 8 SSIDs per WLAN interface, oneLAN port 10/100BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af
<b>Type</b>	BAT300-F BGN
<b>Order No.</b>	943 959-218
<b>Radio technology</b>	
<b>Antenna connector</b>	3 x N jack antenna connectors
<b>Range</b>	Depending on type of antenna, frequency range and data rate - please use the antenna distance calculator
<b>Frequency band</b>	1 x radio module, supporting 2.4 GHz only: 2400-2483.5 MHz (ISM)
<b>Modulation</b>	22M0F7D(DSSS/OFDM) @ 2.4 GHz
<b>Radio topology</b>	WLAN access point, bridge, router, point-to-point, client, client-bridge mode, WDS - Wireless Distribution System, fixed mesh with RSTP
<b>Power requirements</b>	
<b>Operating voltage</b>	2 x DC 24 V; 1 x Power-over-Ethernet according to IEEE802.3af; all power supplies redundant to each other
<b>Current consumption at 24 V DC</b>	417 mA
<b>Current consumption</b>	PoE (48 V DC): 167 mA
<b>Ambient conditions</b>	
<b>Operation temperature</b>	-30 °C to +55 °C
<b>Storage/transport temperature</b>	-40 °C to +70 °C
<b>Relative humidity (non-condensing)</b>	max. 95%
<b>MTBF</b>	43.3 years
<b>Mechanical construction</b>	
<b>Dimensions (W x H x D)</b>	261 mm x 189 mm x 55 mm
<b>Mounting</b>	for wall and mast mounting
<b>Protection class</b>	IP 65, IP 67
<b>Approvals</b>	
<b>Safety of information technology equipment</b>	EN 60950
<b>Radio</b>	EN 300328, notified in all countries of EU. For other notifications or certifications please refer to INET-Sales@hirschmann.de
<b>Environmental</b>	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
<b>Scope of delivery and accessories</b>	
<b>Scope of delivery</b>	Device, 3 dipole antennas, CD, M12 connector, 2 x 50 Ohm terminator, mounting material
<b>Accessories to order separately</b>	External antennas for 802.11b/g/n and 802.11a/h/n operation adapter cable and surge arrester, mast mount material

For more information please contact:

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