




## Product information BAT300-F

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

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49859-24497-78529-46009/en/conf/uistate>

Name	BAT300-F
	
	Dualband Ruggedized Industrial Wireless LAN Access Point/Client with one radio module with IEEE 802.11n for installation in harsh environment.
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
Description	Dualband Ruggedized Industrial Wireless LAN Access Point/Client with one radio module with IEEE 802.11n for installation in harsh environment.
Port type and quantity	1 x WLAN interface, up to 8 SSIDs per WLAN interface, one LAN ports 10/100BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af
Type	BAT300-F
Order No.	943 959-118
<b>Radio technology</b>	
Antenna connector	3 x N 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, supporting 2.4 GHz and 5 GHz: 2400-2483.5 MHz (ISM) and 5170-5850 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
<b>Power requirements</b>	
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 12 V: 625 mA; DC 24 V: 417 mA; PoE (48 V DC): 167 mA
<b>Ambient conditions</b>	
Operation temperature	-30 °C to +55 °C
Storage/transport temperature	-40 °C to +70 °C
Relative humidity (non-condensing)	max. 95%
MTBF	43.3 years
<b>Mechanical construction</b>	
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
<b>Approvals</b>	
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
<b>Scope of delivery and accessories</b>	
Scope of delivery	Device, 3 dipole antennas, CD, M12 connector, 2 x 50 Ohm terminator, mounting material
Accessories to order separately	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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