


Product information

BAT300-F FCC

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

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49859-24497-78529-46011/en/conf/ui/state>

Name		BAT300-F FCC
		
		Dualband Ruggedized Industrial Wireless LAN Access Point/Client with one radio module with IEEE 802.11n for installation in harsh environment.
Delivery informations		
Availability		available
Product description		
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 port 10/100BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af
Type		BAT300-F FCC
Order No.		943 959-018
Radio technology		
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
Power requirements		
Operating voltage		2 x DC 24 V; DC 12 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
Ambient conditions		
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
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		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, 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 arrestor, mast mount material

For more information please contact:

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HIRSCHMANN

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