


## Product information BAT300-Rail (FCC)

Industrial Ethernet:Industrial Wireless LAN:Chassis:BAT-Rail:BAT300-Rail (FCC)

<http://e-catalog.hirschmann.com/link/57078-24455-49859-24497-78528-40991/en/conf/uistate>

Name	
BAT300-Rail (FCC)	
	
Dualband Industrial high performance Wireless LAN Access Point/Client IEEE 802.11n	
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
Description	Dualband Industrial high performance Wireless LAN Access Point/Client IEEE 802.11n
Port type and quantity	1 x WLAN interface, up to 8 SSIDs per WLAN interface, two LAN ports 10/100BASE-TX, autosensing, Power over Ethernet according to IEEE 802.3af
Type	BAT300-Rail (FCC)
Order No.	943 989-101
<b>Radio technology</b>	
Antenna connector	3 x RP-SMA jack antenna connectors
Range	Depending on type of antenna, frequency range and data rate
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; 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
<b>Ambient conditions</b>	
Operation temperature	-30 °C to +50 °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)	80 mm x 100 mm x 135 mm
Mounting	for wall and Din Rail mounting
Protection class	IP 40
<b>Approvals</b>	
Safety of information technology equipment	EN 60950
Radio	Certifications for FCC and Singapore (pending). 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; Nonincendive for Class I, Division 2, Groups A, B, C and D, and Class I, Zone 2, Group IIC Hazardous (Classified) indoor Locations
<b>Scope of delivery and accessories</b>	
Scope of delivery	device, CD, serial cable, 3 x 3-dBi-dipol - dualband antennas, 2x 50 Ohm terminators
Accessories to order separately	external antennas for industrial applications, indoor and outdoor; adapter cable and surge arrestor

For more information please contact:



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