

Product: [BAT-C](#) 



Life Cycle Status: Discontinued

Industrial Wireless LAN Client for 2.4 and 5 GHz operation.

Product Description

The BAT-C client, featuring industrial protection class IP67, allows you to set up cost-effective WLAN installations in places where there is no need for high-end devices. In other words, you pay only for the features you actually need. With a radio module that supports both the 5 GHz and 2.4 GHz frequency bands, the rugged design and compact dimensions of the BAT-C make it suitable for use in a wide range of stationary and mobile WLAN applications in industrial environments, such as manufacturing or production logistics. Due to its additional E1 approval, it can also be used to set up reliable wireless connections to Ethernet networks from buses and other vehicles. Supporting the new IEEE 802.11n transmission standard, the BAT-C can operate at data speeds of up to 150 Mbit/s. Fast roaming permits uninterrupted connections when transferring from one radio cell to another. Further features of this WLAN client are simple configurability via a web interface and a range of management and encryption functions. What's more, the client's M12 connection technology has played a reliable role in industrial WLAN applications for many years.

Technical Specifications

Product Overview

Type:	BAT-C Wireless LAN Client
Name:	BAT-C
Description:	Industrial Wireless LAN Client for 2.4 and 5 GHz operation.
Part Number:	942 072-001
Port Type and Quantity:	1x 802.11n/a/b/g/h/i 1 x 24 V DC 1x 100Mbps Ethernet (M12)

Product Life Cycle

Life Cycle:	Discontinued - the product is no longer manufactured
Discontinuation Announcement Date:	2017-10-25
Last Order Date:	2017-12-31
Last Delivery Date:	2018-06-30
Last Service Date:	2023-06-30

General Information

Scope of delivery:	Device, dualband dipole omnidirectional antenna. M12 connectors for power supply and Ethernet cable
Minimum Storage Temperature:	-40-+85 °C

Radio technology

Modules

Description	Antenna Connector	Frequency Band	Modulation
Module 1	N-Type female	2.4 GHz and 5 GHz	OFDM, DSSS

Radio topology:	Wireless LAN Client
Range:	Depending on type of used external antenna. Typical 30 m indoors, up to 10 km outdoors.

Power requirements

Current consumption at 24 V DC:	81 mA
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Ambient conditions

Operating temperature:	-40-+70 °C
Relative humidity (non-condensing):	5-90 %

Mechanical construction

Dimensions (WxHxD):	11 cm x 6 cm x 5 cm
Mount Type:	Wall mounting
IP Protection Rating:	IP67

Approvals

Safety of information technology equipment:	EN 60950-1:2006 , IEC 60950-1:2005 (2nd Edition)
Environmental:	R-and-TTE Directive 1999/5/EC, EN 300 328 V1.7.1 (2006-10), EN 301 893 V1.5.1 EN 301 489-1 V1.8.1 (2008-04), EN 301 489-17 V2.1.1 (2009-05), EN 61000-6-2 (2005) E1/e1
Radio:	R-and-TTE (Europe), FCC/CFR 47 part 15 IC (Industrie Canada)

History

Update and Revision:	Revision Number: 0.46 Revision Date: 02-10-2026
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