



**Class 1 Permissive Change Description for additional models
covered by
FCCID: U99BAT54C and IC-Code: 4019A-BAT54C**

Main Model:	BAT54-Rail Client
Additional Model 1:	BAT54-Rail Client FCC
Additional Model 2:	BAT54-Rail Single FCC

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Date: 25-August-2010
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The WLAN unit "BAT54-Rail Client" is FCC and IC approved using the identification numbers FCCID: U99BAT54C and IC Code: 4019A-BAT54C.

Additional models have been created with the model names "BAT54-Rail Client FCC" and "BAT54-Rail Single FCC".

"BAT54-Rail Client FCC" and "BAT54-Rail Client" are identical in HW and SW features. The only difference is the model naming due to marketing reasons.

"BAT54-Rail Single FCC" is a WLAN access point and differs from the originally certified "BAT54-Rail Client" only in its software functionality. The "BAT54-Rail Single FCC" supports access point mode, whereas in the originally certified "BAT54-Rail Client" this functionality is disabled and cannot be activated by the user.

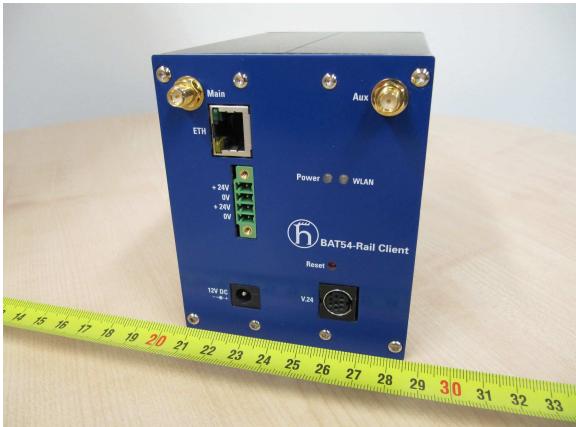
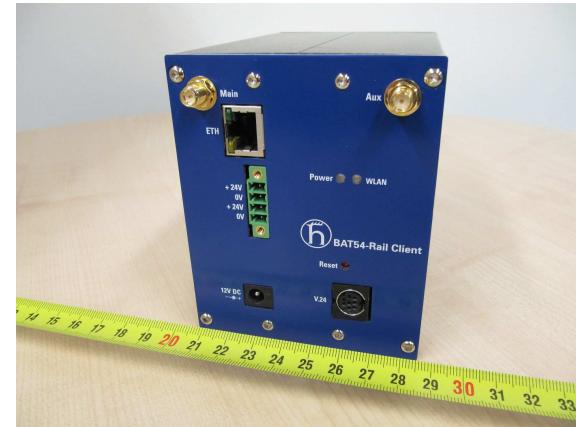
Following the FCC rules section 2.1043, this change is considered as a Class I permissive change and therefore does not require filing with the Commission. See also FCC section 2.1043 (a) "*...Changes to the software installed in a transmitter that do not affect the radio frequency emissions do not require a filing with the Commission....*"

The following table shows the HW and SW differences between the the initially approved and the added models

(X = components are populated)

	Initially approved model	Additional Model 1	Additional Model 2
Model Name	BAT54-Rail Client	BAT54-Rail Client FCC	BAT54-Rail Single FCC
FCC ID:	U99BAT54C	U99BAT54C	U99BAT54C
Canada Certification Number:	4019A-BAT54C	4019A-BAT54C	4019A-BAT54C
HW differences: none			
2,4 / 5 GHz WLAN Module 1 IEEE 802.11a/b/g/h/i	X	X	X
Ethernet Interface 1	X	X	X
Ethernet Interface 2			
24 V Power	X	X	X
12 V Power	X	X	X
Power over Ethernet	X	X	X
Housing for DIN Rail mounting	X	X	X
SW differences:			
Access Point Functionality	Disabled (client mode only)	Disabled (client mode only)	Enabled

Product Photos and labelling:

Main Model	Additional Model 1
BAT54 Rail Client	BAT54 Rail Client FCC
	
"	Comment: no changes on the front panel
	
<p>Dualband Wireless LAN IEEE 802.11bgn / IEEE 802.11a/n Power over Ethernet IEEE 802.3 at 48V, 170mA</p> <p>Protection Class: IP40 Operation Temperature: -30°C..50°C</p> <p>This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.</p> <p>FCC ID: U99B4BAT54C IC: 4939A-BAT54C</p> <p>FC</p> <p>WURAC!</p> <p>Das Gerät ist vom Gesetzgeber nur für öffentliche Dienstleistungen für die Öffentlichkeit als freifunkverträgliche geräte zugelassen.</p>	<p>XXXXXX/XXXX</p> <p>h HIRSCHMANN</p> <p>44305826999999</p> <p>44305826999999</p> <p>BAT54-Rail Client FCC</p> <p>943 926-522</p>
<p>FCC/IC Labelling Housing, left side (no changes)</p>	<p>"FCC" to be added to the model name</p>

Main Model	Additional Model 2
BAT54 Rail Client	BAT54 Rail Single FCC
	
	
<p>FCC/IC Labelling Housing, left side (no changes)</p> 	<p>HIRSCHMANN</p> <p>Model name to be changed to BAT54-Rail Single FCC</p> 