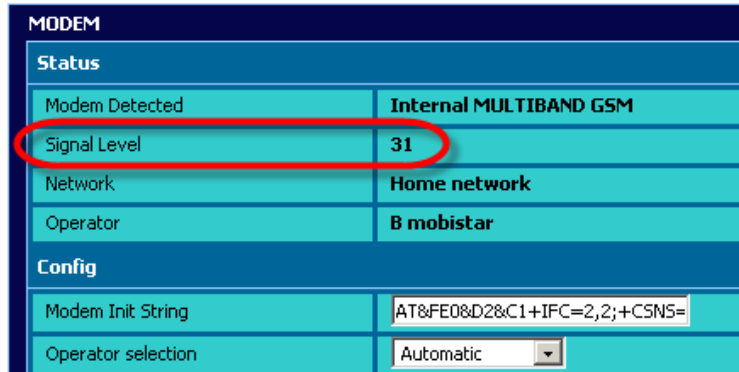
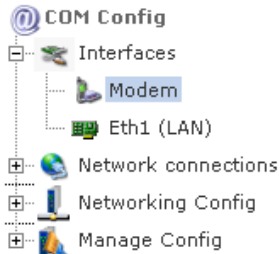


Retrieve the GSM reception signal level

In the eWON Modem Page, you can view the Reception Signal Level with a number from 0 to 99.



GSM Signal Level		
Signal level	Power reception	
0	-111 dBm	No reception
1	-109 dBm	
2	-107 dBm	
3	... -113 + (2*x) dBm	
... x	-53 dBm	
30	-51 dBm	
31	not known or not detectable	Maximum reception
99	-111 dBm	

We recommend a Level of minimum 18 for a good communication.

Under 18, the communication will work but with some errors, so some packets will be repeated and the overall throughput will decrease.

A signal level of 99 is displayed, when eWON did not yet receive the signal level information from it's modem.

- Note -

Concerning the signal level on UMTS/HSUPA networks, HSDPA network emits with a lower power, so it is normal to have a lower signal level indicated on the eWON. On UMTS or HSUPA networks even a low signal level of 5 will work.

Revision

Revision History

Revision Level	Date	Description
1.0	15/02/2011	Creation of document

Document build number: 3

Note concerning the warranty and the rights of ownership:

The information contained in this document is subject to modification without notice. Check <http://wiki.ewon.biz> for the latest documents releases.

The vendor and the authors of this manual are not liable for the errors it may contain, nor for their eventual consequences.

No liability or warranty, explicit or implicit, is made concerning the quality, the accuracy and the correctness of the information contained in this document. In no case the manufacturer's responsibility could be called for direct, indirect, accidental or other damage occurring from any defect of the product or errors coming from this document.

The product names are mentioned in this manual for information purposes only. The trade marks and the product names or marks contained in this document are the property of their respective owners.

This document contains materials protected by the International Copyright Laws. All reproduction rights are reserved. No part of this handbook can be reproduced, transmitted or copied in any way without written consent from the manufacturer and/or the authors of this handbook.

eWON sa, Member of ACT'L Group