VCOM: advanced parameter "buffer size"

With some devices, the size of the Serial Buffer used by eWON may produces unexpected behavior on VCOM.

For that, in the firmware 5.7s4, there is a new VCOM parameter: VCBUFSIZE

This VCBUFSIZE is an advanced parameter and then, is not shown in the VCOM config page. This parameter is only configurable by the config.txt file.

By default, VCBUFSIZE is equal to 2048 (minimum is 128 and maximum is 4096)

 To change the parameter:

- Configure the VCOM with all communication settings

- Get the config.txt file (by FTP) and modify the line ComCfg1

```
ComCfg1:VCTYP:1¶VCIPPRT:23¶VCPOLL:100¶VCDEBUG:0¶VCLSTCLT:1¶VCINTTO:0¶
VCBAUD:9600¶VCNBIT:8¶VCPARITY:0¶VCTWOSTOP:0¶VCMODE:3¶VCIOSRVSTOP:0¶VC
BUFSIZE:128
```

- Put the config.txt back on the eWON

This was successfully tested on Siemens LOGO or Siemens S5 with value 128.

Revision

Revision History

Revision Level	Date	Description
1.0	25/05/2010	Creation of document

Document build number: 6

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 of 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