Sending Command Bytes to BMD100

Introduction

To internally configure the BMD100, command bytes must be sent to the device after powering.

Usage

When to Send Command Bytes

The command bytes can be sent at any time after powering the BMD100. It can also be sent multiple times (the BMD100 will simply ignore the repeated command bytes). It is recommended to send the command bytes immediately after connecting to the BMD100. Once the command bytes have been sent to the BMD100, the device will remain configured upon subsequent disconnections or connections to the application. However, if the device is power cycled, it will need to be reconfigured once again. For this reason, it is recommended to send the command bytes *every time the application connects to the device*.

Which Bytes to Send

The following 8 bytes must be sent to the BMD100:

```
[OxAA OxAA OxO4 OxO3 Ox4O OxF9 OxOO CONFIG_BYTE]
```

Note that these bytes must be sent together, not one at a time. The last byte, CONFIG_BYTE, is outputted from the BMD100 device once per second. For detailed documentation on the CONFIG_BYTE, and how to read it from the BMD100, please see the **BMD100 Communications Protocol** document.

Example Code

The following C# code details how to extract the CONFIG_BYTE from the BMD100, and send the command bytes to the device.



To see the entire source code, please view the **bmd100_testapp.cs** file under the Software Development Tools\C# Project Code directory.



Example Code 2

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