

**CYBERDATA PROPRIETARY
DOCUMENT**

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REVISION RECORD

REV.	DESCRIPTION	APVD	DATE
A	This is the first release.	Nathan	7/15/09

Accessing the Advanced Configuration (Debug) Page

WARNING: This procedure should only be attempted by experienced users who are thoroughly familiar with the configuration parameters that are available on the Advanced Configuration page.



1.0 Accessing the Advanced Configuration (Debug) Page

1.1 Procedure

1.1.1 To get to the **Advanced Configuration** (Debug) page (Figure 1), open the webpage for the device and manually change the URL to **debug.cgi**.

For example, change the URL from:

<http://10.0.3.70/cgi-bin/generalconfig.cgi>

to

<http://10.0.3.70/cgi-bin/debug.cgi>

Figure 1. Advanced Configuration (Debug) Page

Home

Device Config

Networking

SIP Config

Sensor Config

Audio Config

Update Firmware

Advanced Configuration

Note: These settings are for diagnostic purposes only and could cause the software to become unstable.

Misc Config

Debug Level (0-9, 9 = more verbose):

Disable Watchdog Timer:

CS6422 Config

Register 0:

Register 1: *Second character determined by the mic gain

Register 2:

Register 3:

Register 4:

Register 5:









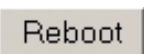
Logfiles

Restore Factory Defaults

* You need to reboot for changes to take effect

1.1.2 See Table 1 for an explanation of the elements on the **Debug Configuration** page (Figure 1).

Table 1. Debug Configuration Parameters

Web Page Item	Description
Misc Config	
Debug Level	The Debug Level determines how verbose the debug trace will be. If you upgrade the firmware from version 3, this value will be set at 0 . Note: Boards will leave cyberdata set to 4 . Before running through a situation where you want to capture a trace, set the debug level to at least 4 .
Disable Watchdog Timer	Disable Watchdog Timer should remain unchecked. With the watchdog timer disabled, if a problem causes our application to crash, it will not try to reset the board to recover.
CS6422 Config	
Restore Defaults	The Restore Defaults button will restore modified values to the factory defaults.
Get Application Log	The Get Application Log button is used to download a running log file from the board. When the button is pressed, your browser should offer a file for download called debug.cgi . Save this file as a text file (intercom.txt for example).
Restore Factory Defaults	The Restore Factory Defaults button is used to restore settings to the factory default (identical to using the RTFM jumper).
	Link to the Home page.
	Link to the Device Configuration page.
	Link to the Networking page.
	Link to go to the SIP Configuration page.
	Link to the Sensor Configuration page.
	Link to the Audio Configuration page.
	Link to the Update Firmware page.
	Click the Save button to save your configuration settings. Note: You need to reboot for changes to take effect.
	Click on the Reboot button to reboot the system.