

# HDCM Log Reader Software v1.10



Log Entries

ID	Name	Type	Freq MHz	RF Lev dBm	MER dB	BER	Video RF Lev dBm	Audio RF Lev dBm	CNR dB	RF 1 Lev dBm	RF 2 Lev dBm	RF 3 Lev dBm	RF 4 Lev dBm	RF 5 Lev dBm
00000	System Cable U34	Dig	578.0000	-32.3	35.5	< 1.00E-008								
00001	Network Cable	Slp								< -75.0	< -75.0	< -75.0	< -75.0	-33.5
00002	Net Cable U28	Dig	530.0000	-32.5	35.5	< 1.00E-008				< -75.0	< -75.0	< -75.0	-32.5	< -75.0
00003	Network Cable	Slp								< -75.0	< -75.0	< -75.0		
00004	Net Cable U21	Dig	474.0000	-33.1	35.5	< 1.00E-008				< -75.0	< -75.0	-33.0	< -75.0	< -75.0
00005	Network Cable	Slp								< -75.0	< -75.0	< -75.0		
00006	Net Cable S36	Dig	426.0000	-31.7	35.7	< 1.00E-008				< -75.0	-31.6	< -75.0	< -75.0	< -75.0
00007	Network Cable	Slp								< -75.0	< -75.0	< -75.0		
00008	Net Cable S30	Dig	378.0000	-33.0	35.7	< 1.00E-008				< -75.0	< -75.0	< -75.0		
00009	Network Cable	Slp								-32.7	< -75.0	< -75.0	< -75.0	< -75.0
00010	Net Cable E03	Ana	55.2500				-48.3	< -75.0	> 30.6					
00011	System Cable IN	Slp								-48.3	< -75.0	< -75.0	< -75.0	< -75.0
00012	System Cable S8	Ana	154.2500				-46.0	< -75.0	> 33.0					
00013	System Cable IN	Slp								< -75.0	-46.0	< -75.0	< -75.0	< -75.0
00014	System Cable E12	Ana	224.2500				-46.0	< -75.0	> 33.0					
00015	System Cable IN	Slp								< -75.0	< -75.0	-46.0	< -75.0	< -75.0
00016	System Cable S20	Ana	294.2500				-46.0	< -75.0	> 33.0					

Export (.csv) Close

## User Guide

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Issue No. KM141/0.1  
 Horizon Part Number: KM141

## Contents

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Thank you for choosing to install the Horizon HDCM Log Reader v1.10 software.  
This user guide will enable you to get the most from the features of this program.

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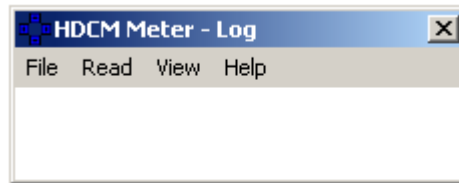
## Overview

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The Horizon Log Reader will enable you to download your stored log results on your HDCM cable meter to your PC in a CSV (Comma Separated Values) file format which can be easily read by applications such as Microsoft Excel, Word and other office software packages.

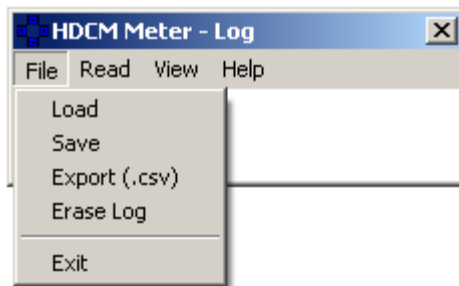
### The Log Reader program: Overview

To start the Log Reader program double click the Horizon HDCM log reader icon (this will look like the key pad in blue) a small program will appear as illustrated below.



Lets examine the function of the drop-down menus in turn so that you can familiarise yourself with the HDCM log reader program functions.

### File: Overview

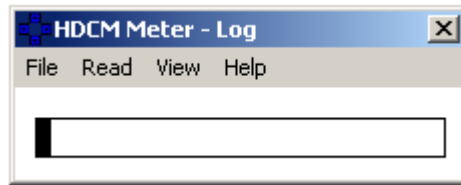


From the **File** drop-down menu you can **Load** a previously saved log file and then view it, or **Save** the log file (once downloaded from your HDCM cable meter or loaded from file), **Export** the data in a .csv format for use with office applications, **Erase** the log data from the meter; **Exit** will close the program, as will clicking the "X" in the top right corner.

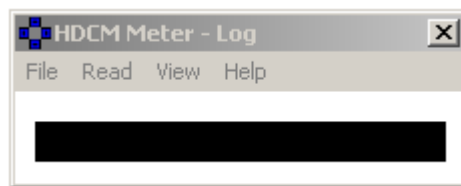
**Note:** The erase function will not reset the log counter within the HDCM cable meter this is so that sequential reference numbers are maintained. The HDCM can store up to 32000 log entries and will then restart at 00000.

**Tip:** If you have not already done so the automatic driver installation needs to be completed before this program can be used.

Read: Overview



Once you have connected your HDCM to your PC with the supplied USB lead the meter will beep a few times whilst establishing communications and settle with the display showing **Program Mode**. It will now be possible to download the log entries from your meter to your PC by clicking on **Read**. The above screen shot illustrates the download in progress. Please be patient while the log reader reads from the HDCM as this may take a while.

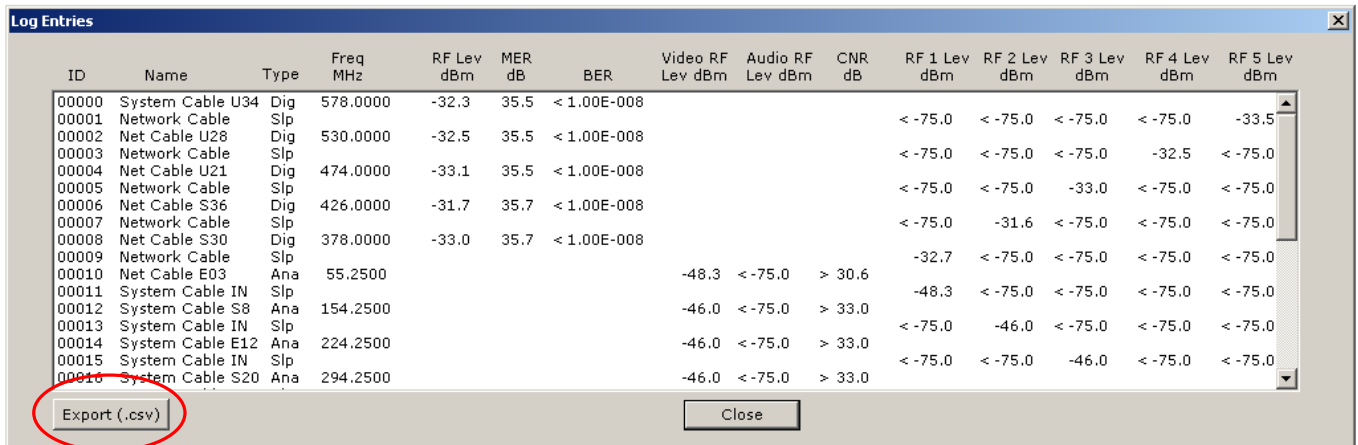


Click **OK** and then select **View** from the drop-down menu to take a look at the logged values.

A screenshot of the 'Log Entries' window. The window has a title bar with 'Log Entries' and a close button. It contains a table with 15 columns: ID, Name, Type, Freq MHz, RF Lev dBm, MER dB, BER, Video RF Lev dBm, Audio RF Lev dBm, CNR dB, RF 1 Lev dBm, RF 2 Lev dBm, RF 3 Lev dBm, RF 4 Lev dBm, and RF 5 Lev dBm. The table contains 17 rows of data. At the bottom of the window, there are two buttons: 'Export (.csv)' and 'Close'.

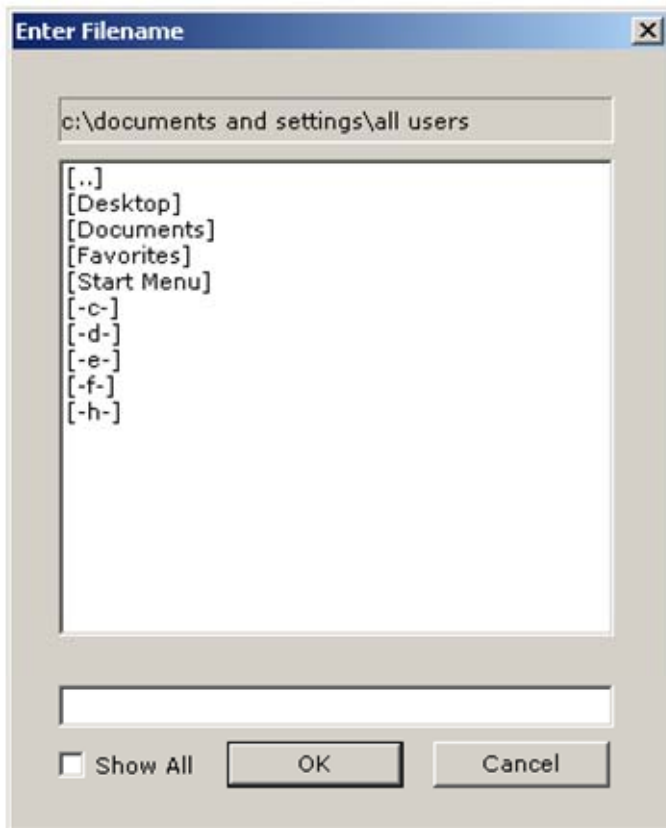
ID	Name	Type	Freq MHz	RF Lev dBm	MER dB	BER	Video RF Lev dBm	Audio RF Lev dBm	CNR dB	RF 1 Lev dBm	RF 2 Lev dBm	RF 3 Lev dBm	RF 4 Lev dBm	RF 5 Lev dBm
00000	System Cable U34	Dig	578.0000	-32.3	35.5	< 1.00E-008								
00001	Network Cable	Slp								< -75.0	< -75.0	< -75.0	< -75.0	-33.5
00002	Net Cable U28	Dig	530.0000	-32.5	35.5	< 1.00E-008				< -75.0	< -75.0	< -75.0	-32.5	< -75.0
00003	Network Cable	Slp												
00004	Net Cable U21	Dig	474.0000	-33.1	35.5	< 1.00E-008								
00005	Network Cable	Slp								< -75.0	< -75.0	-33.0	< -75.0	< -75.0
00006	Net Cable S36	Dig	426.0000	-31.7	35.7	< 1.00E-008								
00007	Network Cable	Slp								< -75.0	-31.6	< -75.0	< -75.0	< -75.0
00008	Net Cable S30	Dig	378.0000	-33.0	35.7	< 1.00E-008								
00009	Network Cable	Slp								-32.7	< -75.0	< -75.0	< -75.0	< -75.0
00010	Net Cable E03	Ana	55.2500				-48.3	< -75.0	> 30.6					
00011	System Cable IN	Slp					-48.3	< -75.0	> 33.0	-48.3	< -75.0	< -75.0	< -75.0	< -75.0
00012	System Cable S8	Ana	154.2500				-46.0	< -75.0	> 33.0					
00013	System Cable IN	Slp					< -75.0	-46.0	> 33.0	< -75.0	-46.0	< -75.0	< -75.0	< -75.0
00014	System Cable E12	Ana	224.2500				-46.0	< -75.0	> 33.0					
00015	System Cable IN	Slp					< -75.0	< -75.0	> 33.0	< -75.0	< -75.0	-46.0	< -75.0	< -75.0
00016	System Cable S20	Ana	294.2500				-46.0	< -75.0	> 33.0					

### Export CSV: Overview



ID	Name	Type	Freq MHz	RF Lev dBm	MER dB	BER	Video RF Lev dBm	Audio RF Lev dBm	CNR dB	RF 1 Lev dBm	RF 2 Lev dBm	RF 3 Lev dBm	RF 4 Lev dBm	RF 5 Lev dBm
00000	System Cable U34	Dig	578.0000	-32.3	35.5	< 1.00E-008								
00001	Network Cable	Slp								< -75.0	< -75.0	< -75.0	< -75.0	-33.5
00002	Net Cable U28	Dig	530.0000	-32.5	35.5	< 1.00E-008								
00003	Network Cable	Slp								< -75.0	< -75.0	< -75.0	-32.5	< -75.0
00004	Net Cable U21	Dig	474.0000	-33.1	35.5	< 1.00E-008								
00005	Network Cable	Slp								< -75.0	< -75.0	-33.0	< -75.0	< -75.0
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00010	Net Cable E03	Ana	55.2500				-48.3	< -75.0	> 30.6					
00011	System Cable IN	Slp					-48.3	< -75.0	< -75.0	< -75.0	< -75.0	< -75.0	< -75.0	< -75.0
00012	System Cable S8	Ana	154.2500				-46.0	< -75.0	> 33.0					
00013	System Cable IN	Slp					< -75.0	-46.0	< -75.0	< -75.0	< -75.0	< -75.0	< -75.0	< -75.0
00014	System Cable E12	Ana	224.2500				-46.0	< -75.0	> 33.0					
00015	System Cable IN	Slp					< -75.0	< -75.0	< -75.0	-46.0	< -75.0	< -75.0	< -75.0	< -75.0
00016	System Cable S20	Ana	294.2500				-46.0	< -75.0	> 33.0					

On clicking export CSV you can save the log data to a convenient location on your PC.



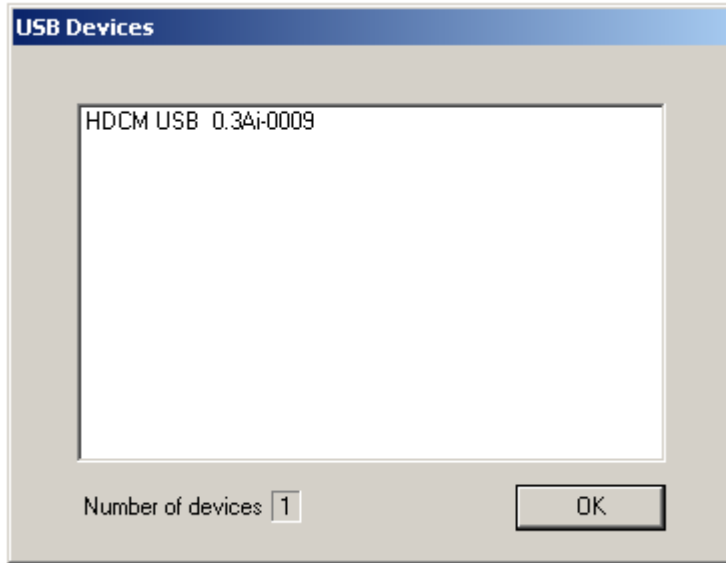
You can navigate the folders on your PC by double clicking on the directories or using the [..] to go up one level in the directory structure on your PC.

### Help / About: Overview

The Help / About drop-down menu function shows the version of logging software.



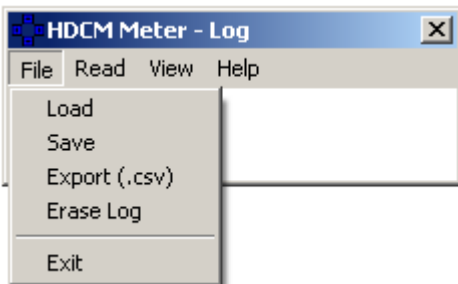
Version: Overview



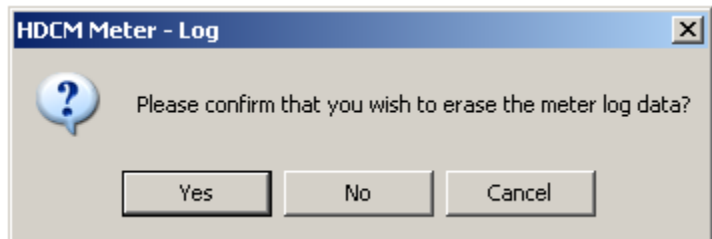
The Version function of the Help drop-down menu will show you the HDCM firmware data. In this example above a HDCM USB has been identified.

**Erasing data:**

If you wish to erase the current log data within the HDSM USB hardware select the File drop-down menu and click on **Erase Log**.



**Remember:** When you erase the meter log data the log counter on the meter will not be reset but the stored values will be cleared.



**Error indicators:**

The USB Port Error indicates a communication error. Check that your USB lead is correctly connected.

