

Knowledge Base Article

Product Group: MARLIN I-Pro **Product:** CMVL 8000 - WMCD **Version:** N/A

Abstract

There is a CMVL8000 utility called **WMCD Tester** which is used as an engineering test tool for the purpose of testing communication with a WMCD unit. This article provides instructions on how to use the tool and also provides the tool itself as an attachment to this article.

Overview

The utility can be downloaded from the Attachments section located to the right of this article. [Figure 1]



To use the WMCD Tester tool, follow the steps below:

- 1. Download the attached zip file and extract the contents onto a PC.
 - This utility requires a supported Bluetooth radio on the PC being used.



- 2. Run the **DesktopWMCD.exe** file by double clicking on it.
- 3. Go to **File > List Devices**. [Figure 2] This will perform a search for any nearby devices and list them under **Discovered Devices**.

🖶 WMCD Tester						
File	Command					
List Devices						
	Connect					
	Disconnect					
	Clear Status					
	Exit					
	Selected Device: DEF		ULT			
	New Name: DEF		ULT			
	Status:					



Figure 2. File > List Devices menu

 Next, highlight the device in the list and use File > Connect to establish a connection to the selected wireless device. The communication progress will be displayed under Status. [Figure 3]

File Command Controls Data Discovered Devices: ENG00845 Selected Device: ENG00845 New Name: ENG00845 Status: Status: Processing Sending 0x33 Packet to WMCD in WritePacketToWMCD() Ticks: 4618 ms in RetumPacketData() Settled Data: 0 Deg 0 g 0 mm/s Done Done Eigure 3 Status of device communication		WMCD Tester		x
Controls Data Discovered Devices: ENG00845 Selected Device: ENG00845 New Name: ENG00845 Status: Processing Sending 0x33 Packet to WMCD in WritePacketToWMCD() Ticks: 4618 ms in RetumPacketData() Settled Data: 0 Deg 0 g 0 mm/s Done Save Spectral Data Eigure 3 Status of device communication	File Comma	nd		
Discovered Devices: ENG00845 Selected Device: ENG00845 New Name: ENG00845 Status: Processing Sending 0x33 Packet to WMCD in WritePacketToWMCD() Ticks: 4618 ms in RetumPacketData() Settled Data: 0 Deg 0 g 0 mm/s Done Save Spectral Data Eigure 3 Status of device communication	Controls Data]		
ENG00845 Selected Device: ENG00845 New Name: ENG00845 Status: Processing Sending 0x33 Packet to WMCD in WritePacketToWMCD() Ticks: 4618 ms in RetumPacketData() Settled Data: D Deg 0 g 0 mm/s Done	Discovered D	evices:		
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Selected Device: ENG00845 New Name: ENG00845 Status: Processing Sending 0x33 Packet to WMCD in WritePacketToWMCD() Ticks: 4618 ms in RetumPacketData() Settled Data: Deg 0 g 0 mm/s Done				
New Name: ENG00845 Status: Processing Sending 0x33 Packet to WMCD in WritePacketToWMCD() Ticks: 4618 ms in ReturnPacketData() Settled Data: 0 Deg 0 g 0 mm/s Done	Selected Dev	ice: ENG00845		
Status: Processing Sending 0x33 Packet to WMCD in WritePacketToWMCD() Ticks: 4618 ms in RetumPacketData() Settled Data: 0 Deg 0 g 0 mm/s Done Save Spectral Data Figure 3 Status of device communication	New Name:	ENG00845		
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Processing Sending 0x33 Packet to WMCD in WritePacketToWMCD() Ticks: 4518 ms in ReturnPacketData() Settled Data: 0 Deg 0 g 0 mm/s Done Save Spectral Data	Status:			_
	Processing . Sending 0x3	3 Packet to WMCD in WritePacketToWMCD0		
Settled Data: 0 Deg 0 g 0 mm/s Done Save Spectral Data Figure 3 Status of device communication	Ticks: 4618	ms in RetumPacketData()		
Save Spectral Data Figure 3 Status of device communication	Settled Data	: 0 Deg 0 g 0 mm/s		
Save Spectral Data				
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Save Spectral Data Figure 3 Status of device communication				
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5. WMCD querying and configuring options are available under the **Command** menu. [Figure 4]

🔜 WA	🔜 WMCD Tester							
File Command								
Con	ont Query WMCD			Get Device Details				
D	D Configure		•	•		Get Immediate Values		
	Shutdown		ı			Get Settled Only		
	Read Temperature			•		Get Settled with FFT		
					Get Stud ID			
Selected Device: DEFAULT								
New Name: DEFAULT								
Figure 4. Command menu								

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by email at <u>TSG-Americas@skf.com</u>.