

# K9JM CI-V Sniffer Program

The K9JM CI-V sniffing program is a simple Windows Command Line program that permits listening to (sniffing) Icom CI-V messages. This program can be used with the K9JM CI-V router, or any CI-V interface device. It provides a hexadecimal dump of any message that it sees on the CI-V bus. CI-V messages always start with FE FE (hex) and ends with FD (hex). The program is an excellent tool to observe what is happening on the bus. This tool does NOT send any messages, it just listens.

The program CIVSniffer.exe is in this .zip file and must be extracted to a directory of your choice. Then open up a windows "Command Prompt" and move to that directory.

Below is an example of running the program, which on my system is located on my Desktop. COM 6 is my K9JM router and to generate messages, I turned the radio dial. What is seen here are "transceive" messages as the radio reports the new frequency setting. Note: The radio started on 1905.250KHz.

```
Microsoft Windows [Version 6.1.7601]
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```

```
C:\Users\James>cd Desktop
```

```
C:\Users\James\Desktop>CIVSniffer
K9JM CI-V Sniffer program
CIVSniffer baudrate comPort#
CIVSniffer 9600 6
```

```
C:\Users\James\Desktop>CIVSniffer 38400 6
K9JM CI-V sniffer program February 2015
Opened COM6 at 38400
Hit any key to quit
FE FE 00 64 00 50 52 90 01 00 FD
FE FE 00 64 00 40 53 90 01 00 FD
FE FE 00 64 00 00 54 90 01 00 FD
FE FE 00 64 00 40 54 90 01 00 FD
FE FE 00 64 00 60 54 90 01 00 FD
FE FE 00 64 00 70 54 90 01 00 FD
FE FE 00 64 00 80 54 90 01 00 FD
FE FE 00 64 00 70 54 90 01 00 FD
FE FE 00 64 00 40 54 90 01 00 FD
FE FE 00 64 00 10 54 90 01 00 FD
FE FE 00 64 00 60 53 90 01 00 FD
FE FE 00 64 00 20 53 90 01 00 FD
FE FE 00 64 00 00 53 90 01 00 FD
FE FE 00 64 00 70 52 90 01 00 FD
FE FE 00 64 00 50 52 90 01 00 FD
FE FE 00 64 00 40 52 90 01 00 FD
FE FE 00 64 00 90 51 90 01 00 FD
```

```
FE FE 00 64 00 00 51 90 01 00 FD
FE FE 00 64 00 40 50 90 01 00 FD
FE FE 00 64 00 00 50 90 01 00 FD
FE FE 00 64 00 00 49 90 01 00 FD
FE FE 00 64 00 30 48 90 01 00 FD
FE FE 00 64 00 10 48 90 01 00 FD
FE FE 00 64 00 30 48 90 01 00 FD
FE FE 00 64 00 20 49 90 01 00 FD
FE FE 00 64 00 40 50 90 01 00 FD
FE FE 00 64 00 50 51 90 01 00 FD
FE FE 00 64 00 40 52 90 01 00 FD
FE FE 00 64 00 50 52 90 01 00 FD
FE FE 00 64 00 40 52 90 01 00 FD
FE FE 00 64 00 90 51 90 01 00 FD
FE FE 00 64 00 30 51 90 01 00 FD
FE FE 00 64 00 90 50 90 01 00 FD
```

```
C:\Users\James\Desktop>
```