

mmwave_industrial_toolbox Manifest

2019-16-12

Manifest ID - SRAS00006880

Legend

(explanation of the fields in the Manifest Table below)

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Software Name	Version	License Type	Delivered As	Modified by TI	
Zone Occupancy Detection Sensor � 14xx	1.0.0	BSD-3- Clause	Source and Binary	Yes	Location Obtained from
Zone Occupancy Detection Sensor GUI	1.0.0	TI Commercial	Source and	Yes	Location

Software Name	Version	License Type	Binary Pelivered As	Modified by TI	
		and MATLAB Runtime License			Obtained from
		BSD-3-	Source		Location
mmWave Area Scanner � 68xx	1.1.2	Clause	and Binary	Yes	Obtained from
		TI Commercial	Source		Location
mmWave Area Scanner � 68xx GUI	1.1.2	and MATLAB Runtime License	and Binary	Yes	Obtained from
		BSD-3- Clause	Source and Binary	Yes	Location
Automated Doors and Gates � 68xx	1.1.0				Obtained from
		TI Commercial	l Source	Yes	Location
Automated Doors and Gates � 68xx GUI	1.1.0	and MATLAB Runtime License	and Binary		Obtained from
		DCD 2			Location
common	1.1.0	BSD-3- Clause	Source	Yes	Obtained from
		BSD-3-			Location
crc16.h		Clause	Source	Yes	Obtained from
		BSD-3-	Source		Location
crc16.c		Clause	and Object	Yes	Obtained from
ftd2xx.h		FTDI Driver license	Source	No	Location

Software Name	Version	License Type	Delivered As	Modified by TI	
					Obtained from
Multiple Gesture and Motion Detection		BSD-3-	Source		Location
♦ 68xx	2.0.0	Clause	and Binary	Yes	Obtained from
		BSD-3-	Source		Location
High Accuracy � 14xx	1.5.0	Clause	and Binary	Yes	Obtained from
		BSD-3-	Source		Location
High Accuracy � 64xx	1.6.0	Clause	and Binary	Yes	Obtained from
		BSD-3- Clause	Source and Binary		Location
4K-FFT Example � 14xx	1.2.0			Yes	Obtained from
	1.5.0	BSD-3-	Source	Yes	Location
4K-FFT Example � 16xx		Clause	and Binary		Obtained from
		BSD-3-	Source		Location
Long Range People Detection � 68xx	1.2.0	Clause	and Binary	Yes	Obtained from
		TI Commercial and MATLAB Runtime License	Source and Binary		Location
Long Range People Detection � 68xx GUI	1.2.0			Yes	Obtained from
		DCD 3			Location
mmWave SDK Demo � 14xx	1.3.0	BSD-3- Clause	Source	Yes	Obtained from
mmWave SDK Demo 🔷 16xx	2.0.0	BSD-3- Clause	Source	Yes	Location

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					Obtained from
		BSD-3-	Source		Location
mmWave SDK Demo � 18xx	1.0.0	Clause	and Binary	Yes	Obtained from
		BSD-3-			Location
mmWave SDK Demo � 68xx AOP	1.0.0	Clause	Source	Yes	Obtained from
mmWave SDK Demo � 68xx � DSP		BSD-3-			Location
version	1.1.1	BSD-3- Clause	Source	Yes	Obtained from
mmWayo SDK Domo & 68vv & HWA		BSD-3-	Source	Yes	Location
mmWave SDK Demo � 68xx � HWA version	1.0.3	Clause			Obtained from
	1.0.1	BSD-3-	Source	Yes	Location
ODS Point Cloud Demo � 68xx		Clause	and Binary		Obtained from
		BSD-3-	Source		Location
People Counting � 16xx	2.2.0	Clause	and Binary	Yes	Obtained from
		TI Commercial and MATLAB Runtime License	Source		Location
People Counting � 16xx GUI	2.2.0		and Binary	Yes	Obtained from
Indoor Ealco Dotaction Mitigation A		BSD-3- Clause	Source and Binary		Location
Indoor False Detection Mitigation � 68xx	1.2.0			Yes	Obtained from
Indoor False Detection Mitigation �	1.2.0	TI	Source	Yes	Location
68xx GUI		Commercial and	and Binary		

Software Name	Version	License Type	Delivered As	Modified by TI		
		MATLAB Runtime License			Obtained from	
Overhead Boonle Counting and Stance		BSD-3-	Source		Location	
Overhead People Counting and Stance Detection • 68xx	1.1.0	Clause	and Binary	Yes	Obtained from	
		TI Commercial	Source		Location	
Overhead People Counting and Stance Detection • 68xx GUI	1.1.0	and MATLAB Runtime License	and Binary	Yes	Obtained from	
		BSD-3-	DCD 2	Source		Location
People Counting � 68xx	1.2.0	Clause	and Binary	Yes	Obtained from	
	1.2.0	TI Commercial	Source		Location	
People Counting � 68xx GUI		and MATLAB Runtime License	and Binary	Yes	Obtained from	
		BSD-3-	Source		Location	
3D People Counting � 68xx	1.2.0	Clause	and Binary	Yes	Obtained from	
		TI Commercial	Source		Location	
People Counting • 3D 68xx GUI	1.2.0	1.2.0	and Python 2.0 (See details in License)	and Binary	Yes	Obtained from
		B05 -			Location	
TI mmWave ROS Driver	1.7.0	BSD-3- Clause	Source	Yes	Obtained from	
Traffic Monitoring � 16xx	2.3.0	BSD-3-	Source	Yes	Location	
		I	I	I	L	

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					Obtained from				
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Traffic Monitoring � 16xx GUI	2.3.0	and MATLAB Runtime License	and Binary	Yes	Obtained from				
		BSD-3-	Source		Location				
Vital Signs • 14xx	1.4.0	Clause	and Binary	Yes	Obtained from				
	1.3.0	TI Commercial and MATLAB Runtime License	Source and Binary		Location				
Vital Signs • 14xx GUI				Yes	Obtained from				
	1.5.0	BSD-3-	Source and Binary	Yes	Location				
Vital Signs � 64xx		Clause			Obtained from				
						TI Commercial	Source		Location
Vital Signs � 64xx GUI	1.5.0	and MATLAB Runtime License	and Binary	Yes	Obtained from				
		BSD-3-	Source		Location				
Vital Signs � 68xx	1.0.0	Clause	and Binary	Yes	Obtained from				
		BSD-3-	Source		Location				
Vital Signs � 68xx GUI	1.0.0	Clause and GPL3 and LGPL3	and Binary	N/A	Obtained from				
QCustomPlot Source Files	2.0.0	GPL3	Source	No	Location				

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		1		'	Obtained from
			Source		Location
QT DLL	5.8.0	LGPL3	and Binary	No	Obtained from
		BSD-3-			Location
Turtlebot_mmwave_launchers_package	1.4	Clause	Source	N/A	Obtained from
	1.3	BSD-3- Clause	Source	N/A	Location
Turtlebot_mmwave_launchers_package					Obtained from
		BSD-3-			Location
ROS navigation/move_base package	1.14.2	Clause	Source	Yes	Obtained from
ROS navigation/rotate_recovery		BSD-3-			Location
package	1.14.2	Clause	Source	Yes	Obtained from
		BSD-3-			Location
ROS turtlebot packages	N/A	Clause	Source	Yes	Obtained from

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crc16.c/crc16.h

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Brief Summary of usage of Python 3.6.8 in mmWave_People_Counting_GUISetup.exe

- The program is all TI originated code
- The TI program is calling a pySerial library to access serial interfaces (https://pythonhosted.org/pyserial/, which is a Free Software License https://pythonhosted.org/pyserial/appendix.html#license as described in the manifest)
- The TI program is using numpy library for computing(https://numpy.org, which is BSD-3 license https://numpy.org/license.html)
- The TI programs also uses pyqtgraph(http://www.pyqtgraph.org/, which is distributed under http://www.opensource.org/licenses/mit-license.php) and pyqt5 (https://pypi.org/project/PyQt5/ which is licensed under GPL V3)
- Then, we compiled the program into a PC Windows executable using FBS https://build-system.fman.io/#licensing which is licensed under GPL,
- We deliver mmWave_People_Counting_GUISetup.exe in TI release package, which is the PC Windows executable file.

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