

Quick Setup Guide for DISTANCE2GO

24GHz Support Team
Version 1.6



Recommended software and hardware requirements



Machine with Windows OS (Win7 and onwards supported)



Infineon Toolbox based Radar GUI (UX Design Tool)



SEGGER Setup_JLink_V600d ([download](#))



XMC-Flasher (Microcontroller Binary Flasher)



Zip/Unzip Software



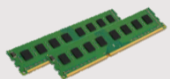
Latest Java Installed ([download](#))



USB Port 2.0 or later (USB Type-C not supported)



200 MB of Free Space on HDD



Free 100 MB of RAM

Quick setup for DISTANCE2GO – 24GHz Radar

STEP 1

Box Content

- a) Programmed DISTANCE2GO Board



- b) Micro USB cable (cable's length may vary)



- c) Welcome Flyer



www.infineon.com/D2G

Receive Board

STEP 2

Sign-In

Register at:
<https://myicp.infineon.com/>

Download Authorization

Request download authorization through:
24GHzSupport@infineon.com

Follow Download & Setup Instruction

Sign-In & Authorization

STEP 3

Download Libraries

[Radar_D2G_fw_sw_hw_all_in_one.zip](#)

Read EULA Agreement

Click "YES, I AGREE" and download will start automatically.



Infineon Tool Download

Download Software at:
<http://download.hitex.de/RadarGUI>
Accept *Terms and Condition* and start the download.

XMC-Flasher Download

Software Download portal at: [Link](#)

File Downloaded:



Radar_D2G_fw_sw_hw_all_in_one.zip

Infineon-XMCFlasher-GS-v01_06-E

InfineonToolboxRadarGUI_v1-1-0

Download GUI and Libraries

STEP 4

Insert micro USB cable into DISTANCE2GO as shown below



Insert the USB connector into PC USB port (2.0 or higher)



Red LED flashes when board is powered up



Connect board & terminal

Quick setup for DISTANCE2GO – 24GHz Radar



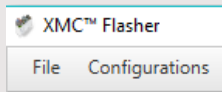
STEP 5 (optional)

Firmware (FW) Update

Connect USB cable to the JTAG port; use micro USB port on the right of the board as shown below



Extract Infineon-XMCFFlasher-GS-v01_06-EN and double-click on **XMCFFlasher Executable Jar File (25 MB)** to run and open the GUI



Click on *Menu Configuration* → *Setup* → *Select Debugger Type*:

Select SEGGER option from drop-down menu (if option is not available, install J-Link V6.00d by using this [Link](#)); once completed click on *Connect*



Select XMC4200-256 and follow instructions to flash/reprogram μ C

Update μ C FW

STEP 6

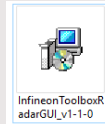
Extract Files

Radar_Distance2Go+fw_sw_gui_all_in_one; folder contains binary and source code



Install Infineon Tool

Double Click on



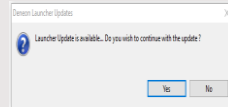
InfineonToolboxRadarGUI setup file, then follow the instruction to install. Please select the Desktop shortcut option during installation.

Run Infineon Tool

Double Click on



An update message will prompt



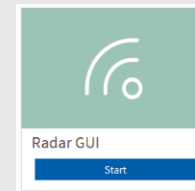
Always update to the latest version when prompt or cloud icon is available.

Install & Run GUI

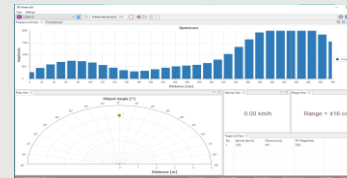
STEP 7

Infineon GUI

To Evaluate RADAR demo, click Start on the RADAR GUI shown here



Real-time data is now visible on your screen



Some evaluation boards may require a firmware update; the Infineon Tool will prompt a message if FW update is available; in that case execute STEP 5 (Optional)

Installation Complete

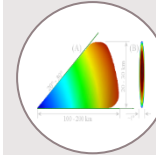
Enjoy the Demo



Weatherproof



Accurate & Precise



HW Adjustable Area Coverage



Energy Efficient



Form-Factor Enabled



Part of your life. Part of tomorrow.

