

### Important (MUST DO):

We have identified some issues with the latest version of XDS110 firmware running on MMWAVEICBOOST (Carrier Card) EVMs, which can cause packet loss on the XDS110 JTAG/UART interface resulting in errors in the Overhead 3D People Counting Demo.

To avoid UART packet loss and ensure correct operation, users must downgrade the XDS110 firmware on MMWAVEICBOOST EVM to version 2.3.0.18 before running the demo using the instructions provided below:

Instructions to downgrade the XDS110 firmware on your EVM.

1. Got to the [XDS Emulation Software \(EMUPack\) Download](#) page and download version `8.1.0.00005` (only 32-bit version available for this release but it is compatible with 64-bit Windows).
2. Run the installer **ti\_emupack\_setup\_8.1.0.00005\_win\_32.exe**
3. Select an installation directory (e.g. C:\ti) when prompted and complete the installation.
4. Connect the MMWAVEICBOOST EVM with the IWR6843ISK module mounted on it to the PC using the XDS110 USB port.
5. Open a command prompt in the following directory
  - a. **<install\_path>/ccs\_base/common/uscif/xds110**
6. Issue the following commands to install the firmware on your XDS110
  - a. `xdsdfu -m`
  - b. `xdsdfu -f firmware.bin -r`
7. Check that the new firmware is installed
  - a. `xdsdfu -e`  
It should show version as 2.3.0.18