



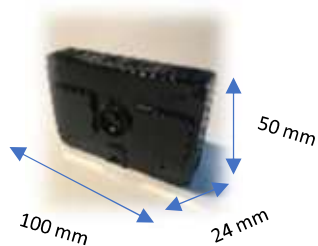
Demonstration Software User Guide

CDM-GC**GC1N**ZA
Time-of-Flight Camera



Panasonic

GC1N ToF camera



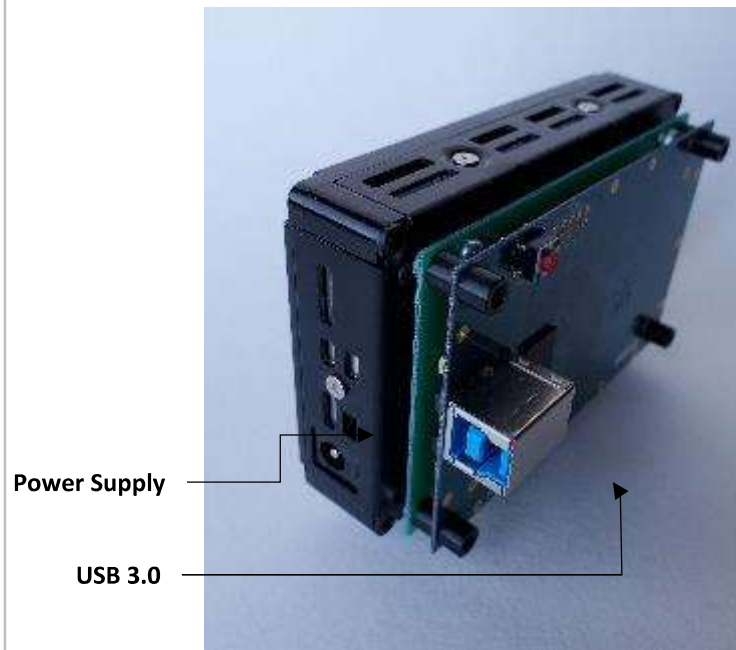
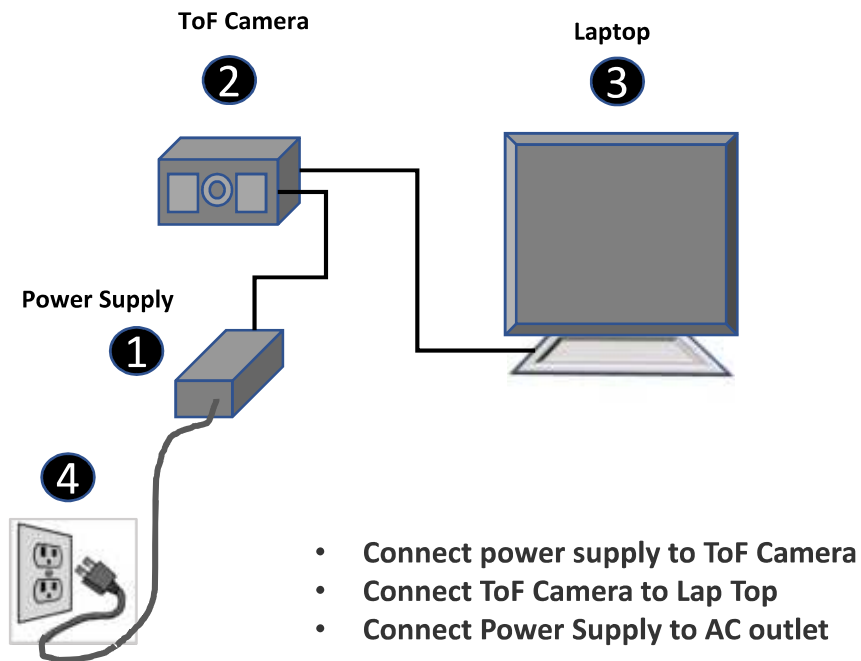
- Size: W80 x H40 x D27
- FOV : H87 x V67
- Interface: MIPI-CSI-2
- Power consumption: ~6W

USB3.0 Card attachment:

USB3.0 Card



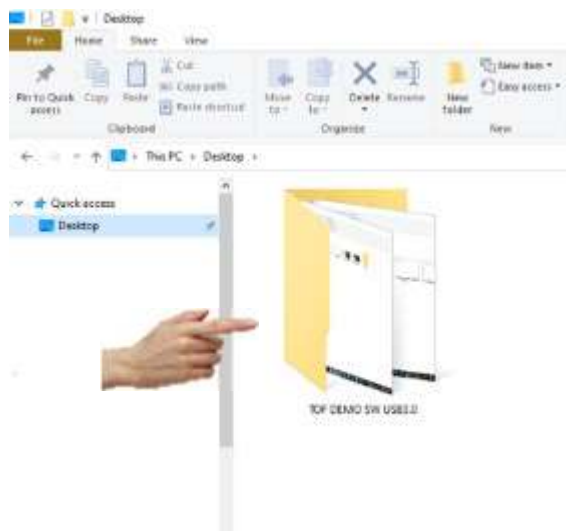
Set Up:



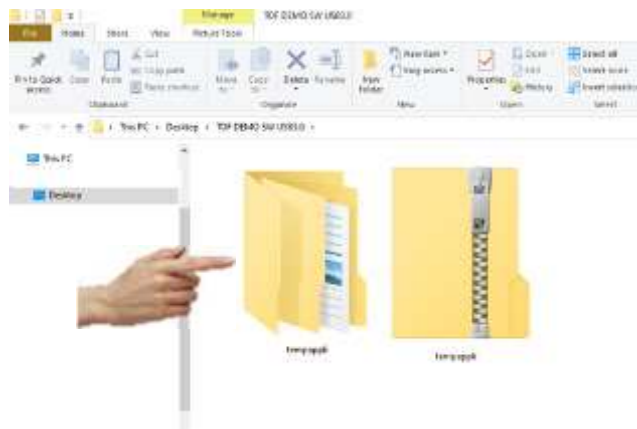
USB
Interface Card

Note:
(4) Small Red LEDs should slightly visible to indicate the Camera is properly connected and communicating with the Demo SW

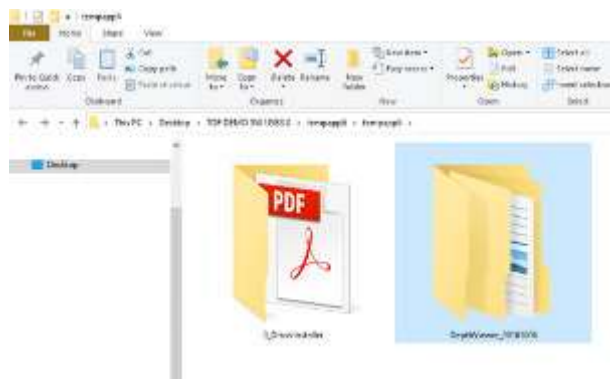
Step 2 **Open [TOF DEMO SW USB3.0] folder.**



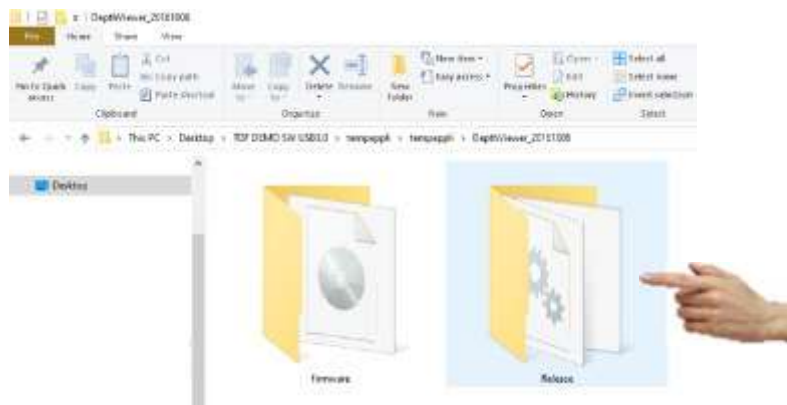
Step 3 **Open [tempappli] folder.**



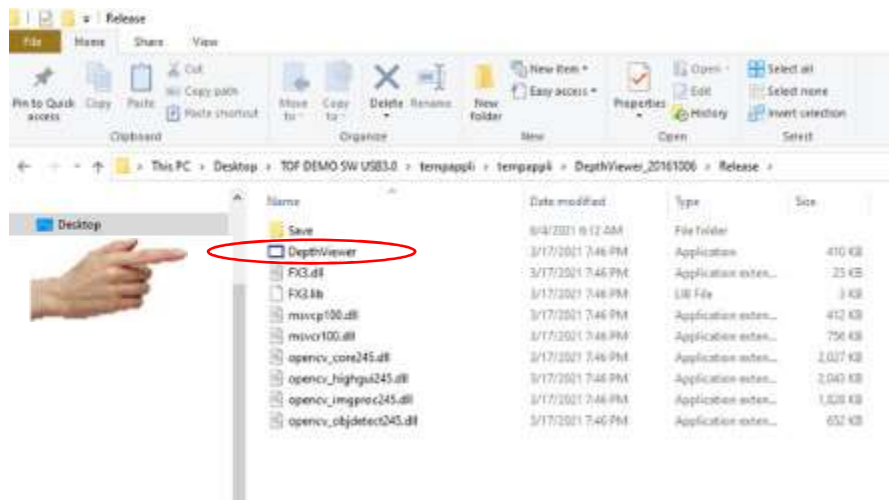
Step 4 **Open [DepthViewer20161006] folder.**



Step 5 Open [Release] folder

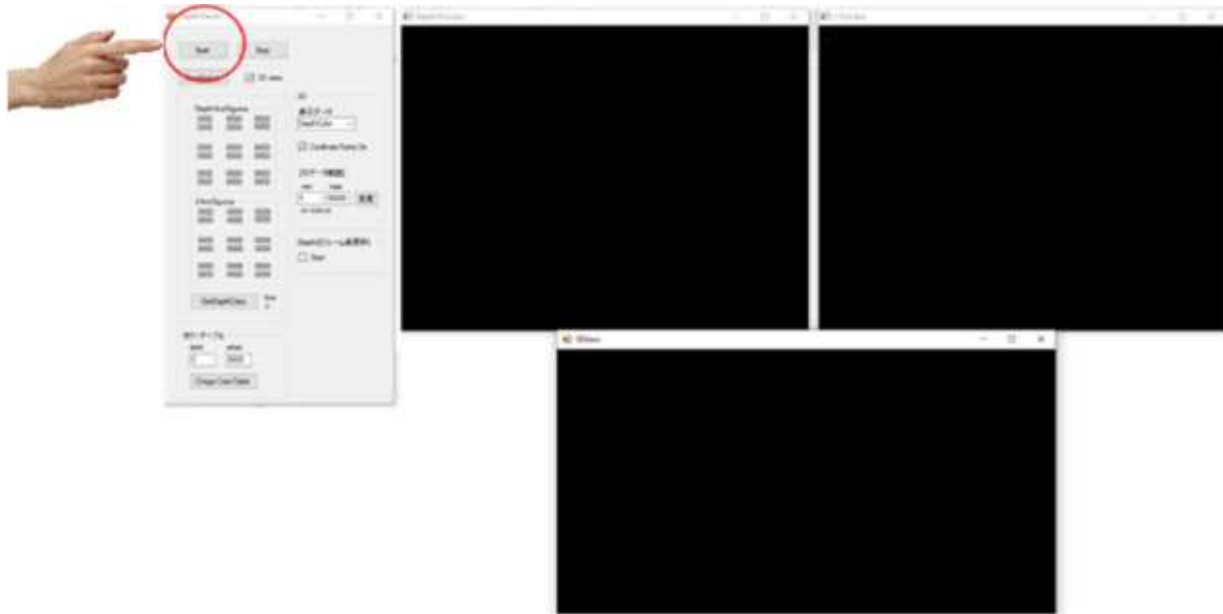


Step 6 Click on [DepthViewer] application



Step 7

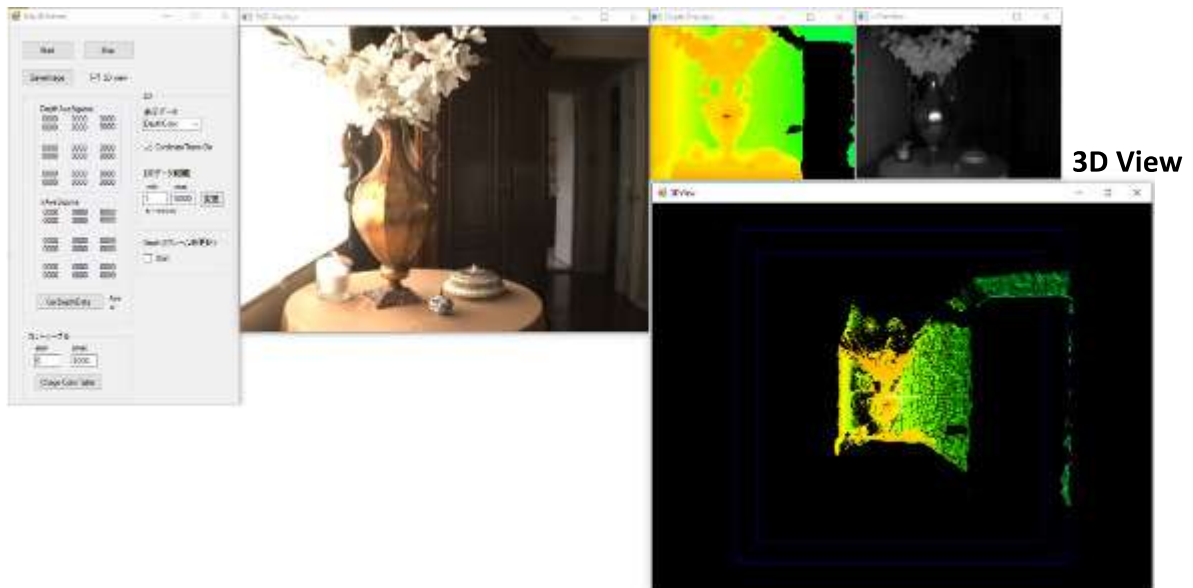
Click “Start”, and wait for program to initialize, may take a minute (30~60 sec).



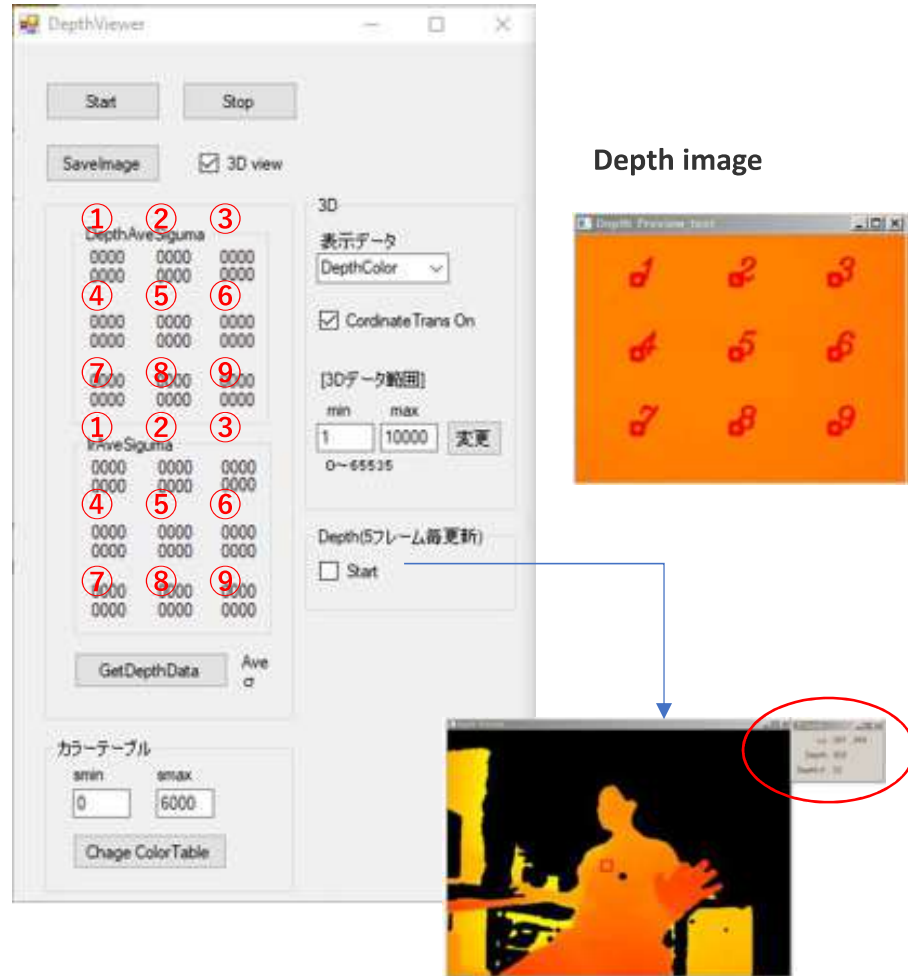
RGB View

Depth View

IR View



Menu:



- ❖ **Start:** Start button for camera operation
- ❖ **Stop:** Stop button for camera operation
- ❖ **DepthAveSigma:** Indicates ave. depth value & sigma at the above 9 points on image
- ❖ **IrAveSigma:** Indicates ave. IR value & sigma at the above 9 points on image
- ❖ **GetDepthData:** Ave. depth/IR value & sigma are indicated when push.
- ❖ **Smin:** Distance value which user would set color table as red.
- ❖ **Smax:** Distance value which user would set color table as blue.
- ❖ **Change Color Table:** User can change Color table setting when puch
- ❖ **3D:** Point Cloud image
- ❖ **Coordinate Trans On:** Not necessary to change it. (checked)
- ❖ **3D min/max:** To set distance range for Point Cloud
- ❖ **Depth Start:** Indication box for x-y coordinates, depth & sigma values

ToF Camera RGB, IR and Depth Images:

