

## 32. View point cloud data

### 32.1. View depth point cloud

Terminal input,

```
roslaunch astra_camera gemini.launch
```

View topic data,

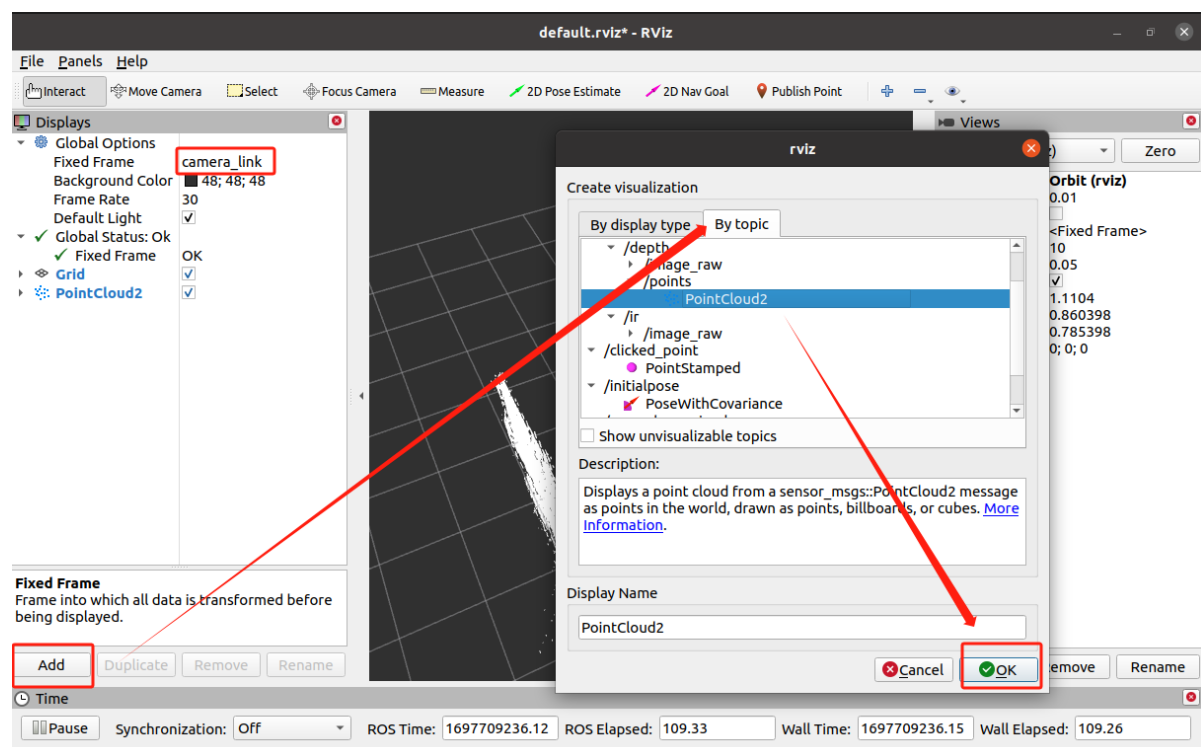
```
rostopic list
```

```
yahboom@yahboom-virtual-machine:~/Desktop$ rostopic list
/camera/color/camera_info
/camera/color/image_raw
/camera/depth/camera_info
/camera/depth/image_raw
/camera/depth/points
/camera/ir/camera_info
/camera/ir/image_raw
/rosout
/rosout_agg
/tf
/tf_static
yahboom@yahboom-virtual-machine:~/Desktop$
```

As shown in the figure above, the topic name of the depth point cloud is: /camera/depth/points, open rviz to view the point cloud,

```
rviz
```

After opening, set it as shown in the figure below, change the Fixed Frame under Global Options to camera\_link, then click [Add], select [By topic], select **/depth/points/PointCloud2**, and click OK to complete the setting.



The displayed point cloud is as follows,

