Point Picking

1. Start the tool either by:
   - clicking on the ⚙ icon on the main toolbar (upper left)
   - clicking on the same icon in the "Edit" menu

2. Select one of the 3 different modes (small toolbar – upper right):
   - 📄 single point picking
     → *display belonging cloud, point index, 3D position, and associated color and/or normal vector values if available*
   - ↘ two points picking
     → *display belonging cloud and index of both points, the distance between the two points, and the 3D coordinates of the corresponding*
   - ⊿ three points picking
     → *display belonging cloud and index of the 3 points, the area of the corresponding triangle, and the corresponding angle*

3. Each click will result in the display of the picked point (along with its coordinates) on screen.

4. Depending on the mode, the user will have to pick up to 3 points in order for CloudCompare to display corresponding information (in console – at the bottom of the screen[1]). A line or a triangle may also be displayed on screen.

5. Once this limit is reached, any click will reset the process. This may also be achieved at any time by clicking on the ⟳ icon.

6. Picking process can be stopped any time by clicking on the ✗ icon.

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[1] toggle "Display > Console" menu if console is not visible