

TFmini Internal Serial Port Debug Command

——Switch Between Standard Output and pix Format

Overview:

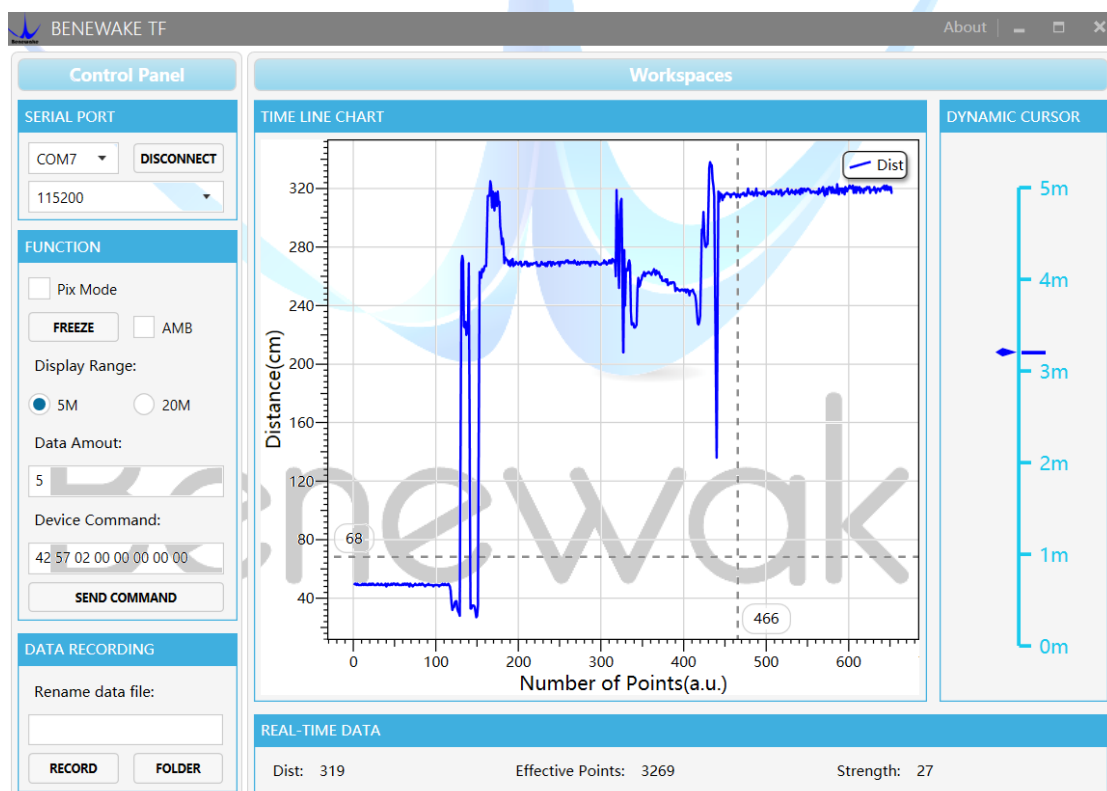
This command can realize the mode switching between 9-byte hexadecimal output (referred to as "Standard Output") and decimal character type output (referred to as "pix Format Output");

The command of standard output is 42 57 02 00 00 00 01 06

The command of pix format output is 42 57 02 00 00 00 04 06

Operating Steps:

1. Connect the LiDAR to computer via TTL_USB board;
2. Start WINCC_TF upper computer software, and select corresponding COM port to connect LiDAR.



Note:

If the LiDAR is standard output format, the upper computer will display corresponding data according to the actual

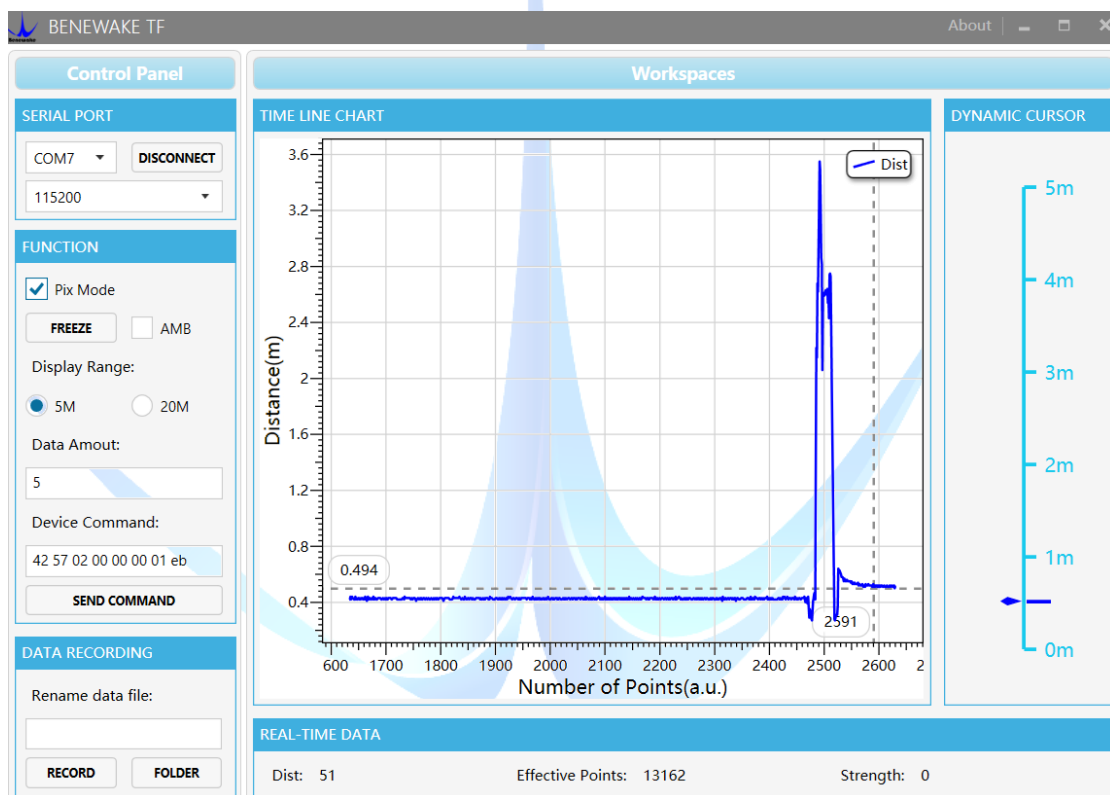
measured value of LiDAR;

If the LiDAR is pix format, no data will be displayed, then tick off Pix Mode, data will be output normally.

3. Switch standard data output into Pix format output.

Input 42 57 02 00 00 00 04 06 into the Device Command field.

Click "SEND COMMAND" button, data output format will change into pix format, tick off Pix Mode, and data will be output normally; please notice that unit of the image area is m now.



4. Switch Pix format output into standard format output

Input 42 57 02 00 00 00 01 06 into the Device Command field.

Click "SEND COMMAND" button, data output format will change into standard output, do not tick off Pix Mode, data will be output normally; please notice that unit of the image area is mm now.

5. Disconnect and pull out LiDAR.

