# Client to Server

The commands from client to server are 32-bit commands consisting of 5-Bit command number and 27-Bit data.

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| Command Nr. | Meaning |
| 1 | Data 1 |
| 2 | Data 2 |
| 3 | Sample rate (Block mode [125MHz/2^x], Streaming mode [ms]) |
| 4 | Nr. of sample (Block mode only) [2^x] |
| 5 | Mode switch (1=Streaming mode, 0=Block mode) |
| 6 | Measurement activation (1=measure, 0=stop) |

# Server to Client

The communication from server to client depends on the mode. In block mode, all data are stored in B-RAM and sent after measurement is ready. In streaming mode, the data are sent each sample cycle.

No matter how the data consists of 32-bit where the higher 16-bit represents the first channel and the lower the second one.