

Data Types

| <u>Type Name</u> | <u>Bytes</u> | <u>Range of Values</u> |
|------------------|--------------|---------------------------------|
| (signed) byte | 1 | -128 to 127 |
| unsigned byte | 1 | 0 to 255 |
| (signed) short | 2 | -32,768 to 32,767 |
| unsigned short | 2 | 0 to 65,535 |
| (signed) long | 4 | -2,147,483,648 to 2,147,483,647 |
| unsigned long | 4 | 0 to 4,294,967,295 |
| float | 4 | 3.4E +/- 38 |
| double | 8 | 1.7E +/- 308 |
| long double | 10 | 1.2E +/- 4932 |