

Snibbe control protocol v2.0:

TCP/IP

Port number: 21211 (configurable)

Client: asks for status update

1. **STATUS**

Server: responds with status

1. **STATUS: READY**
2. **STATUS: RECORDING**
3. **STATUS: ERROR CODE XXX**

Client: requests recording begin

1. **RECORD: 00000123, 70.3, 140**
 - a. (visitor id, height in inches, weight in pounds)

Server: Starts recording silently until it returns

1. **MEASUREMENT: *Visitor ID, Basal Metabolic Rate, Step length, Walk speed, Calories, Number of grapes, Confidence, File Path***
2. **TIMEOUT**

Client: **RESET**

Client: **SET INACTIVITY 60**

(seconds to wait for visitor to appear, otherwise server sends **TIMEOUT**, defaults to 60)

NOTES:

- Message delimiter is a new line character '\n'
- Client can send STATUS, RECORD, RESET, or SET INACTIVITY
- Server can report status, return a measurement, or report a timeout
- Confidence represents the soundness of the measurement from 0.0 (untrustworthy) to 1.0 (trustworthy) -- always provide a measurement if possible. This is used to flag playful measurements or measurements where 2 visitors enter Snibbe's field of view (if possible)
- File path points to a video stored on a shared network folder