LPCM QR-Import

Specification:

- The QR code must be in text format.
- The input text must only contain ASCII.
- The order of the data/fields must match the order specified below.
- All input data must be separated with a semi colon (;) and all floating-point numbers must use a decimal point (.).
- Only the data should be in the QR code, without any unit specification.
- The input data must only take up one lone, no line breaks are allowed.
- The number of semi colons is fixed (16). If any of the data is missing it needs to be left empty. For instance, if the fields for the back surface were missing, the data needs to end with 3 semi colons (;;;) after the total power steep meridian.
- The last field is a version number (currently the single digit "1").

Fields to specify (in this order!):

- Measurement date (Unix time)
- Eye (os/od)
- Axial length (mm)
- Anterior chamber depth (mm)
- Lens thickness (mm)
- Central corneal thickness (mm)
- Corneal diameter (mm)
- Flat meridian (mm)
- Flat axis (degrees)
- Steep meridian (mm)
- Total power flat meridian (dpt)
- Total power flat axis (degrees)
- Total power steep meridian (dpt)
- Back surface flat meridian (mm)
- Back surface flat axis (degrees)
- Back surface steep meridian (mm)
- Version number of this QR code specification

Example:

The sequence

- 1712087315;os;23.5;3.32;4.62;0.55;11.8;7.8;33;7.6;42.3;35;44.7;;;;;1

Would represent

- The data was measured on April 02 2024 at 19:48.
- The left eye was measured.
- The axial length was 23.5 mm.
- The anterior chamber depth was 3.32 mm.
- The lens thickness was 4.62 mm.
- The central corneal thickness was 0.55 mm.
- The corneal diameter was 11.8 mm.
- The flat meridian was 7.8 mm.
- The flat axis was 33 degrees.
- The steep meridian was 7.6 mm.
- The total power flat meridian was 42.3 dpt.
- The total power flat axis was 35 degrees.
- The total power steep meridian was 44.7 dpt.
- Information about the back surface is missing, so it won't be considered in the calculation.
- Version is 1.