Venefinder
an Assistance System for Vein Detection

BOM – Bill of Materials

- Raspberry Pi 3
- SD-Card (preferably 16 GB)
- Raspberry Pi No-IR-Cam
- 9x IR LEDs 940nm with Reflector
- 3x 220 Ohm resistors
- Active buzzer
- Push button for panel mounting
- 3 rotary encoders (no pushbutton)
- 40 pin header female socket
- Circuit board with little soldering points (or proper etched board if you prefer)
- 8 little neodym magnets (locking the filter in place)
- 3d-printed casing
- Piece of developed analogue film (IR pass filter; non-IR blocking)

Should be around 100€ in total.