# Futronic VS80 USB2.0 Finger Vein Scanner

## Major features and benefit:

Finger vein recognition is a highly secure biometric identification technology. Futronic VS80 finger vein scanner is designed to capture the best finger vein images for this application. Infrared light source is used in VS80. It works together with a high quality CMOS image sensor to provide a clear and high contrast finger vein image for matching. It is carefully designed to remove the unwanted background image which may decrease the matching accuracy. Finger vein matching software is also available from Futronic as a separate product.

### Specification
- Scanning window size is 20 x 40 mm
- Image resolution is 200x400 pixels, 8 bits grey level.
- Raw file size is 80K bytes
- USB 2.0 compatible, plug and play device
- With a 2M standard USB cable
- Small size, 85 x 54 x 91 mm
- Light weight, 187 gram
- Operation temperature: -10 to +55 C
- Relative Humidity : 0-90% non-condensing

VS80 can work on the following platforms:

- Windows XP/2003, 32 bit and 64 bit
- Windows Vista/2008/2012, 32 bit and 64 bit
- Windows 7/8/10, 32 bit and 64 bit
- Linux with kernel 2.4 or higher (for both x86/ARM9)
- MAC OS(version 10.5, 10.6 and 10.7, Intel CPU)
- Android 3.1 and higher with USB Host port.

### Electrical characteristics

- Light source: Infrared LED
- Supply voltage: DC 4.5-5.5V via USB port
- Power consumption:
  - Active <1250mW (during scanning),
  - Standby <220mW,
  - Sleep mode < 2.5mW
- ESD contact – 8KV no permanent damage
- ESD air discharge - 16KV no permanent damage.

### Certifications:

- FCC
- CE
- RoHS

### Futronic Technology Company Limited

Rm1016A, Profit Industrial Bldg. 1-15, Kwai Fung Street., Kwai Fong, N.T., Hong Kong.

Tel: +852-24087705        Fax: +852-24197874
www.futronic-tech.com        email  :  inquiry@futronic-tech.com