

Futronic FS88H FIPS201/PIV Compliant USB2.0 Fingerprint Scanner

Major features and benefit:

FS88H is an enhanced version of FS80H USB2.0 Fingerprint Scanner from Futronic. It was certified by FBI to be compliant with PIV-071006 Image Quality Specification for Single Finger Reader. So FS88H meets the US Federal Information Processing Standard 201(FIPS 201) for Personal Identification Verification (PIV) of Federal Employees and Contractors. It is also listed in the US General Services Administration (GSA) FIPS 201 Evaluation Program Approved Product List.

FS88H uses advanced CMOS sensor technology and precise optical system to meet the rigorous requirement on fingerprint image quality of PIV-071006. Its fingerprint scanning window is crown glass with a thickness of 14mm that resists scratches and other stress to ensure long term heavy duty usage. It is a robust but cost effective single finger capture device and ideal for border control, identity card, driver license, election and any type of civilian AFIS application. Special electronic circuit is built into FS88H to doLive Finger Detection (LFD). With appropriate software in PC, user can select this LFD feature so that only live finger's fingerprint will be scanned into PC. Fake fingers made from silicone rubber, play-doh, etc, will be rejected. And the LFD feature is included in all Futronic standard software.

A unique serial number is factory-programmed into the USB Device Descriptor of each FS88H. So every FS88H is traceable and this is very important for government identity management projects.



<p>Specification</p> <p>Finger scanning window size is 16.26 x24.38mm Image resolution is 320x480pixels, 500DPI, 8 bit grey level. Raw fingerprint image file size is 150K byte With Live Finger Detection (LFD) feature USB2.0compatible, plug and play device Unique serial number programmed to USB Device Descriptor 16K Byte memory for application-specific data storage With a 2M standard USB cable 66x66x29mm Light weight, 150 gram Operation temperature:-10 to +55 C Relative Humidity : 0-90% non-condensing</p>	<p>FS89HOEM Module</p> <p>FS89His OEM module of FS88Hfor customers who want to integrate FS88Hinto their own products, such as handheld POS machine and portable voter registration station. Its same as FS88H but without plastic shell and USB cable so that it can be embedded into any target system. It does not support Live Finger Detection(LFD). Its size is 59(L) x 60(W) x 20(H) mm and weight is 80g. Please contact Futronic for detail mechanical drawing.</p>
<p>Futronic provides Application Programming Interface (API)for FS88H to capture fingerprint image on the following platforms:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Windows XP/2003, 32 bit and 64 bit <input type="checkbox"/> Windows Vista/2008/2012,32bit and 64 bit <input type="checkbox"/> Windows 7/8,32bit and 64 bit <input type="checkbox"/> Linux with kernel 2.4 or higher(for both x86/ARM9) <input type="checkbox"/> Windows CE 5.0 and 6.0 (for both x86 and ARM9) <input type="checkbox"/> MAC OS(version 10.5, 10.6 and 10.7, Intel CPU) <input type="checkbox"/> Android 3.1 and higher with USB Host port. 	
<p>Electrical characteristics</p> <p>Light source: Infrared LED Supply voltage: DC 4.5-5.5V via USB port Power consumption: o Active<900mW(during finger scanning), o Standby<200mW, sleep mode<4mW ESD contact -8KV no permanent damage ESD air discharge -16KV no permanent damage.</p>	<p>Certifications:</p> <p>FIPS 201/PIV 071006 Image Quality Specification Microsoft WHQL FCC and CE,RoHS</p>



support@radiumbox.com
www.radiumbox.com



1312, 89 Hemkunt Chambers,
Nehru Place, New Delhi -110 019



+91-84343 84343