

U-Match® BI USB

BioLink®



MATCH®



BioLink
Advanced Biometric Solutions

TECHNOLOGY YOU IDENTIFY WITH™



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BioLink U-Match® MatchBook BI USB is a compact high-quality mountable optical USB fingerprint scanner intended for use in a wide range of applications in conjunction with BioLink fingerprint authentication software.

The scanner device utilizes authentic patented fingerprint image capturing technology that allows high quality digital fingerprint templates generation, which is crucial for fast and accurate fingerprint recognition, while keeping fingerprint owner's privacy.

U-MATCH BI USB SPECIFICATION

- o Advanced CMOS camera technology and precise optical system design delivers high quality image and reliability as well as durability, robustness and immunity to ESD
 - o Fingerprint scanning window size is 16x24mm
 - o Fingerprint captured is 150K pixels(480x320)
 - o Image resolution is 508 DPI
 - o USB 1.1 compatible interface, plug and play device
 - o 2M standard USB cable
 - o Small size, 45 x 63 x 26 mm
 - o Light weight, 80 gram
 - o Operation temperature: 0 to +55 Degree Celsius
 - o Operation humidity: 30% - 90% (not condensing)
 - o Minimum space, required for mounting: 75x73x40mm
- Electrical characteristics:
- o Light source: Infrared LED
 - o Supply voltage: DC 4.4-5.25V via USB port
 - o Power consumption: active 350mW (LED on), standby 100mW, sleep mode 40mW
 - o ESD contact - 8KV
 - o Air discharge - 16KV no permanent damage
 - o Data rate up to 12 Mbit/second

This device is designed for a wide range of computer technology developers and manufacturers and can be employed for special-purpose terminals (payment, point-of-sale, clearance), information and registration stations (information kiosks, help desk, referral or payments receiving services), computer workstations, established in protected environments.