



CROSS MATCH

MV5^{fi}

Mobile Fingerprint Scanner

CROSS MATCH
 Technologies Inc.®

The Cross Match MV5 is the first all-digital mobile fingerprint capture device providing immediate, in the field identification and verification. This hand-held, single-finger capture unit provides on the spot access to crucial identification data in many environments such as traffic stops, crime scenes, border patrol, and military field operations.

A fingerprint image captured and stored inside the MV5's on-board memory can quickly be transferred to

a laptop, PC or MDT (Mobile Data Terminal) via a universal serial bus (USB) cable. The MV5 combines digital image capture and transmission of high-quality 500 dpi images to identification databases such as the National Crime Information Center (NCIC) 2000 or Automated Fingerprint Identification System (AFIS) for fast, reliable results. The USB interface eliminates the need for a frame-grabber and separate power supply, making true plug-and-play connectivity a reality.

CROSS MATCH MV5

The MV5 is small and lightweight yet its platen size remains generous, providing sufficient image size and quality of 500 dpi to meet the most demanding of applications. Its image output means that software developers will require an absolute minimum of effort tailoring their code.

Building on Cross Match's tradition of durability and low maintenance, the MV5 can be deployed as part of a mobile system in rugged environments including watercraft, automobiles, tanks and airplanes. The MV5's adaptability reduces overall system costs without sacrificing the accuracy, speed and dependability required of biometric security solutions.

The MV5 is ideal for

- State, County, Local Traffic and Highway Patrol
- Border and Immigration Control, Federal Investigation and Special Forces
- Crime Scene and Evidence Collection
- Missing Children Identification Programs



About Cross Match Technologies, Inc.

Cross Match Technologies is an industry leader in the development of a complete line of forensic-quality fingerprint and palm print readers for state, federal, commercial, aviation and international organizations to prevent infiltration, crime and terrorism. Cross Match currently offers the most comprehensive line of biometric products in the industry supported by superior customer service. Cross Match has customers in 40 countries and is responsible for fingerprinting over 20 million people worldwide. Cross Match has sold and delivered over 5000 systems and holds more than 70 patents.

MV5 System Requirements

The following system requirements will be needed to support the MV5. Your system should consist of a PC Workstation (or laptop) with a USB port installed to interface with the MV5. (A computer is required to upload the fingerprint images from the MV5.)

- Windows XP (w/ Svc Pack 1 and USB SDK V2.000 or later)
- Windows 2000 (with an ACPI compliant Bios on motherboard and Win2000 service pack installed)
- Windows 98 SE
- Windows 98
- Windows 95 OSR 2.1 (4.03.1212 - limited technical support)
- USB 1.0 Compliant Port (USB 2.0 Compliant Ports w/ USB SDK V2.000 or later)
- 133 MHz or Higher Pentium-Compatible CPU
- 32 MB Ram
- 10 MB of Available Space

MV5 Specifications

Resolution

500 dpi +/- 5 pixels in X and Y Axis

Optical Modulation Transfer Function

50% at 10 cycles per millimeter on finger platen

Linearity and rectilinearity

Less than 1 pixel average

Image / platen area

1.00" x .96" (25.4 mm x 24.4 mm)

Output (Digital)

Universal Serial Bus (USB)

Power

4 x 1.2VDC NiCad AA Batteries

Temperature range

32°F to 130°F (0°C to 55°C)

Humidity range

10-90% non-condensing, splash-resistant

Weight

1.4lbs (0.55kg)

Dimensions (H x L x W)

1.94" x 8.00" x 1.88"

50 mm x 203 mm x 48 mm



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