

# SAF-ID & MC75

## Mobile Biometric Identification for Positive identification / Verification

Inmate booking, transport, and release  
Medical Examiner's Office  
Sex Offender Registration  
Crime Scene Victim  
Traffic Stops  
Border Patrol  
Event Security  
Court Rooms  
Serving Warrants  
Gang Enrollment

## MC75 Features

**Rugged & Lightweight:** Industry leading drop test and IP54 sealing and integrated antennas.

**3G:** 3G high performance wireless broadband and voice data for quick responses when you need it the most.

**2 megapixel camera:** The auto-focus, flash enabled camera can be used to easily capture images of an individual. As an option, facial images captured can be used for facial recognition.



DATAWORKS PLUS HAS PARTNERED WITH MOTOROLA® TO BRING YOU THE LATEST TECHNOLOGY AVAILABLE IN MOBILE BIOMETRIC IDENTIFICATION WITH SAF-ID & THE MC75.

Mobile biometric identification has never been faster or easier. DataWorks Plus' SAF-ID incorporates the Motorola® MC75 to provide officers on patrol quick identification or identity verification. The MC75 captures fingerprints and immediately submits them to a state's AFIS or other fingerprint database. Once the identity is confirmed, any available images, criminal history, wants and warrants, and demographic data can be viewed on the device.

Having the ability to immediately know who you are dealing with is invaluable to an officer's safety as well as the public's safety. An officer who has immediate access to an individual's criminal history and wants and warrants is able to make better informed, quick decisions. SAF-ID's quick response times will increase productivity by decreasing the amount of time an officer has to spend verifying a person's identity.

## Identification At Your Fingertips

SAF-ID is scalable to meet system performance requirements for any size agency. From a few hundred matches per second, to hundreds of thousands of matches per second, SAF-ID can be configured to meet the specific needs and budget for your agency.

### Fingerprint Search Process - Identification & Verification

SAF-ID uses advanced fingerprint matching techniques to provide positive identification of an individual. SAF-ID can be configured to perform 1:1 fingerprint VERIFICATION of an individual. Fingerprint verification determines if the person "is" or "is not" who they claim to be. This process compares a live fingerprint scan against a fingerprint that is stored in the database for an individual.

SAF-ID can also be configured to perform 1:N fingerprint IDENTIFICATION of an individual. Fingerprint identification determines who the person is. This process compares a live fingerprint scan against all fingerprints that are stored in the database in order to identify the individual.

### Seamless Integration:

DataWorks Plus can provide seamless integration of SAF-ID with these DataWorks Plus systems:

- ▶ **LiveScan Plus:** Fingerprint scanning system
- ▶ **NIST Manager Plus:** Fingerprint archive and retrieval system
- ▶ **Digital PhotoManager:** Investigative booking and photo management system

DataWorks Plus can also provide integration with your existing AFIS, live scan, records management, jail management, or photo imaging systems.



# MC75 Specifications

## MC75 Features

**Touchscreen:** Color 3.5" full VGA (640 x 480) touchscreen viewable in any lighting conditions

**Memory:** 128/256 MB of RAM / ROM on board memory

**Communication Options:** 3G HSDPA or DCMA-EVDO Rev A, GPS, WLAN 802.11 a/b/g, Bluetooth v2.0

**Fingerprint Capture:** GSA Certified fingerprint capture using the biometric attachment

**More than just SAF-ID:** The MC75 can also be used with other types of attachments to be used in a variety of applications such as:

- inmate tracking
- bar code scanning
- head counts
- facial recognition
- document capture
- e-citation

**TWIC Compliant**

### Physical Characteristics

Dimensions:	6 in. L x 3.3 in. W x 1.7 in. D
Weight (including standard battery)	Standard 1.5X battery: 14.9 oz./422 g Extended Capacity 2.5X battery: 15.7 oz./446 g
Display:	Transflective color 3.5" full VGA with backlight
Touch Panel:	Glass analog resistive touch
Backlight:	LED backlight
Main Battery:	Rechargeable Lithium Ion 3.7V, 3600 mAh Smart Battery
Ext. Cap. Battery:	Optional 3.7V, 4800 mAh Smart Battery
Backup Battery:	Ni-MH battery (rechargeable) 15mAh2.4V (not user-accessible)
Expansion Slot:	micro SD slot (maximum 2 GB)
Network:	Ethernet (via cradle); full-speed USB, host or client
Connections:	
Notification:	Vibrator and LED
Keypad Options:	26-key Numeric; 44-key QWERTY, 44-key AZERTY, 44-key QWERTZ
Audio:	Speaker, receiver, microphone, headset jack, software support for full duplex record and playback (stereo)

### Performance Characteristics

CPU:	XScale™ PXA270 624 MHz processor
OS:	Microsoft® Windows® Mobile 6.0
Memory:	128 MB RAM; 256 MB Flash
Interface:	RS-232, USB 1.1

### User Environment

Operating Temp.:	14° F to 122° F / -1° C to 50° C
Storage Temp.:	-40° F to 140° F / -40° C to 60° C (w/o battery)
Humidity:	95% non-condensing
Drop Spec.:	5 ft. drop to concrete, 2 drops per 6 sides at ambient temperature 73° F/23° C; 4 ft. drop to concrete, 6 drops per 6 sides over operating temperature range
Tumble Spec.:	1,000 1.6 ft./1.5 tumbles (2,000 drops)
Sealing:	IP54
IrDA:	Integrated
Clock:	Integrated real time clock
Light Immunity:	Readability: Incandescent - 450 ft. candles; Sunlight - 8000 ft. candles; Fluorescent: 450 ft. candles
ESD:	+/- 15kV air discharge, +/- 8kV direct discharge

### Battery Performance (with Battery reserve option set to highest - 72 hours)

Standby time:	150 hours
Talk time:	5 hours
User profiles:	Outdoor WAN+GPS, 15min/hour voice communication, 10kB transmission every 10 min., and GPS on all time, 8 hours of operation, and 75 hours standby time.

### Wireless WAN Data and Voice Communications

WWAN Radio:	GSM: 3G HSDPA; CDMA: EVDO Rev A
GPS:	Integrated Assisted-GPS (A-GPS)

### Wireless LAN Data and Voice Communications

WLAN Radio:	Tri-mode IEEE® 802.11 a/b/g
Data Rates Supported:	1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, and 54 Mbps
Operating Channels:	Chan 8-165 (5040 - 5825 MHz) Chan 1-3 (2412-2472 MHz) Chan 14 (2484 MHz) Japan only Actual operating channels/frequencies depend on regulatory rules and certification agency
Security:	WPA2, WEP (40 or 128 bit), TKOP, TLS, TTLS (MS-CHAP), TTLS (MS-CHAP v2), TTLS (CHAP), TTLS-MD5, TTLS-PAP, PEAP-TLS, PEAP (MS-CHAP v2), AES, LEAP
Spreading Technique:	DSSS and OFDM
Antenna:	Internal for LAN, External for WAN
Voice Communication:	Integrated VOIP ready (P2P, PBX, PTT), WiFi™-certified, IEEE 802.11 a/b/g direct sequence wireless LAN

### Wireless PAN Data and Voice Communications

Bluetooth:	Class II, v 2.0; on-board chip antenna
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### Data Capture Specifications

Options:	Four configurations available: 1D laser scanner; 2D imager, 1D laser scanner and camera; 2D imager and camera
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### Color Camera

Resolution:	2 megapixel
Illumination:	User controllable flash
Lens:	Auto focus

### Regulatory

Electrical Safety:	Certified to UL / cUL 60950-1, IEC / EN60950-1
Environmental:	RoHS-Compliant
WLAN and Bluetooth:	USA: FCC Part 15.247, 15.407
Quad Band GSM/Edge, plus Tri-band HSDPA:	Global: 3GPP TS 51.010, 3GPP TS 34,121, 3GPP TS, 123 GCF approved module USA: FCC Part 22, Part 24
CDMA-EVDO Rev. A:	Verizon/Sprint/AllTel/Bell Mobility/Telus (Contact your DataWorks Plus sales representative for the latest information)
RF Exposure:	USA: FCC Part 2, FCC OET Bulletin 65 Supplement C
EMI/RFI:	North America: FCC Part 15, Class B
Laser Safety:	IEC Class2/FDA Class II in accordance with IEC60825-1/EN60825-1

For countries outside the USA, contact your DataWorks Plus sales representative

SAF-ID  
www.dataworksplus.com



DataWorks Plus is dedicated to providing the Law Enforcement & Criminal Justice Market with affordable, top of the line products and technology to improve the productivity, efficiency, and safety of officers and other staff. We offer solutions for mobile identification, inmate tracking, booking, crime scene data and image management, live scans, fingerprint archive, facial recognition, information management, and fusion centers. To learn more visit our web site, or call our Sales Team at 1-866-632-2780.

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