MultiCheck™ -E
Mobile Biometric Reader

by **M2SYS**

Handheld Biometric Reader for Fingerprint Recognition

A mobile biometric device that can be used anywhere you want for biometric identification and registration applications. It has a modern design and rugged build, adding a sophisticated look to the device, while its light weight makes it a perfect choice to easily carry around.

Versatile Device to Match Your Diverse Project Needs

MultiCheck^{TM}-E is a highly versatile mobile biometric device with multiple biometric modality scanning support including fingerprint and facial recognition. When combined with the CloudApper™ no-code app creation platform, the device can be used for diversified business applications. MultiCheck^{TM}-E is an environment-friendly device and can be used in a wide range of environments without compromising the quality of biometric scanning & enrollment service.

Powerful Battery Life

Now you can achieve a full day of biometric enrollment and authentication work without worrying about battery life. This device comes with a fantastic 5,000mAh Li-on battery - which allows for a full day nonstop biometric scanning capability in a single full charge.

5,000mAh
Li-on battery

Reliable Mobile Fingerprint Scanner

MultiCheck™-E is powered by FBI FAP20 certified Suprema fingerprint sensor with 500 DPI and image capture speeds of up to 6 ms. You can get exceptional fingerprint image quality even under extreme direct light conditions up to 100,000 LUX with this device. This results in exceptionally accurate and reliable fingerprint scanning across various conditions.

Next Generation Fingerprint Scanning with Liveness Detection

The MultiCheck^{TM}-E is equipped with next-generation fingerprint scanning technology like liveness detection, which can identify live fingers made from various materials including clay, rubber, silicon, glue, paper, film and more. It detects irregular changing patterns of separated areas, partially dark areas, distorted boundary shapes, and significant movement of the core part of the finger to distinguish real from fake fingers. This adds an extra layer of security to your project and protects you from spoofing or fraudulent activities.
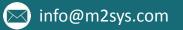
Powerful Mobile Device

The MultiCheck™-E will make your work experience more fluid and efficient through its mesmerizing 5" touchscreen, powerful 64-bit quad core processing CPU, 1GB/2GB RAM, and 8GB/16GB ROM. Among the other forms of identification, it supports CPU card reading for e-passport scanning, NFC, and RFID scanning. The device is powered by Android 11 operating system and can communicate data over Bluetooth, Wifi, GSM & WCDMA networks.

Technical Parameter:

Physical Parameter				
Type	Handheld Terminal		**Keys**	Power Button, Volume Button, Camera Quick Button
Dimensions (L*W*D)	182 mm x 81 mm x 25mm		**Weight**	500g(Including Battery)
Function Parameter				
Operating System	Android 11		**Memory**	1GB RAM, 8GB ROM (2GB RAM+16GB ROM available)
CPU	MTK6735, 1.3Ghz, Quad Core		**Camera**	Rear 8.0M Pixels, Auto Focus with Dual Flash(13MP could be customized)
Memory and Extension	Micro SD Card, up to 32GB		**Networks**	GSM: 850/900/1800/1900
GPS	GPS,GLONASS supported,10m			WCDMA: B1/B2
Bluetooth	BT 4.0 LE			CDMA: BC0
WIFI	IEEE 802.11b/g/n			TDS-CDMA: B34/B39
Display	5 inch Display, Resolution 854*480 Capacitive touch screen			FDD-LTE: B1/B3
PSAM Card	1 PSAM card slot, ISO7816 supported			TDD-LTE: B38/B39/B40/B41
Function Module				
RFID(Optional)	14443A/B, s50s70 cpu card, NFC, support E passport reading		**Contact Card Reader (Optional)**	ISO7816 Compatibility, Support CPU Card Reading
Fingerprint Scanner	500dpi / 256 gray resolution, image Size: 300 x 400 pixels, WSQ Compression available, ISO197942, ANSI378 template, FBI PIV, FBI Mobile ID FAP20, IP65 certified, Image Format ISO19794-4, support live finger detection, work under direct sunlight available.			
Other Parameter				
Battery Pack	3.7V, 5000mAh		**Charging interface**	DC 5V 2A
USB	Mini- USB 10pin		**Speaker**	Supported
Voice Call	Supported		**Reliability**	MTBF no less than 5000 hours
Usage Environment				
Operating Temp	0℃~50℃		**Working humidity**	10% ~90%RH(40℃)
Storage Temp	-10℃~60℃		**Storage humidity**	5% ~90%RH

LET US KNOW IF YOU NEED HELP

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