

# BioFace MSD5K Mini

AI Dynamic Face Recognition Attendance & Access Control



Face



RFID  
Support



PIN



4.0 inch  
Touch Screen



Mask  
Detection



0.5-2.5 meters  
Reading Distance



Photo  
Capture



Access  
Control



Live Face  
Detection



Education



Retail



Government



Health



Logistics



Bank



Office



Factory

## Technical Specifications

## BioFace MSD5K Mini

Model	Bioface-MSD5K Mini
Product name	Dynamic Face Recognition Time Attendance, Access Control Terminal
Screen	4 Inch HD Touch Screen
Operation system	LINUX 4.19
CPU	ARM Cortex-A7 800M, 800G (0.8T)
RAM	256MB DDR3
ROM	EMMC Flash 4GB
Binocular camera	1MP Color Camera+1MP Infrared camera
Live detection	Dynamic dual-camera anti-counterfeiting, to prevent all kinds of black-and-white, color photos and videos from deception
Logs capacity	500000
Verification	Face recognition, password, ID Card(IC card optional)
Face capacity	5000
Card Capacity	5000, ID Card Standard, IC Card Optional
Password Capacity	5000,
Face Recognition Accuracy	99.70%
Recognition Speed	≤0.2s,
Recognition Distance	0.5~2.5 meters (0.5~1.5 meters with live face recognition on)
Prevent Photo	Dual camera anti-counterfeiting, prevent recognition with photo/video
Principle of Identification	Face algorithm technology of multi-task cascaded convolutional neural network based on video stream for dynamic face detection, tracking & recognition
WDR	Wide dynamic range, support accurate face recognition under Strong light, dark light and backlight
USB	USB2.0 x 1, Support U disk import/export data
Power supply	DC12V 2A
Network Communication	TCP/IP, USB type-A, WIFI
Free Attendance software	Local software and web based cloud software
Access Control Function	Lock output Doorbell output/external ring Wiegand input/output

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<b>Environmental adaptability</b>	Working temperature: 0°C ~+45°C Working humidity: 20%~90% Dark environment: LEDSoft light automatic fill light (Automatic control according to ambient light)
<b>Multi language</b>	Support 20 national languages and voices including English and other