BioFace MSD50K

AI Dynamic Face Recognition
Time Attendance and Access Control Terminal

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MORX

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BioFace MSD50K
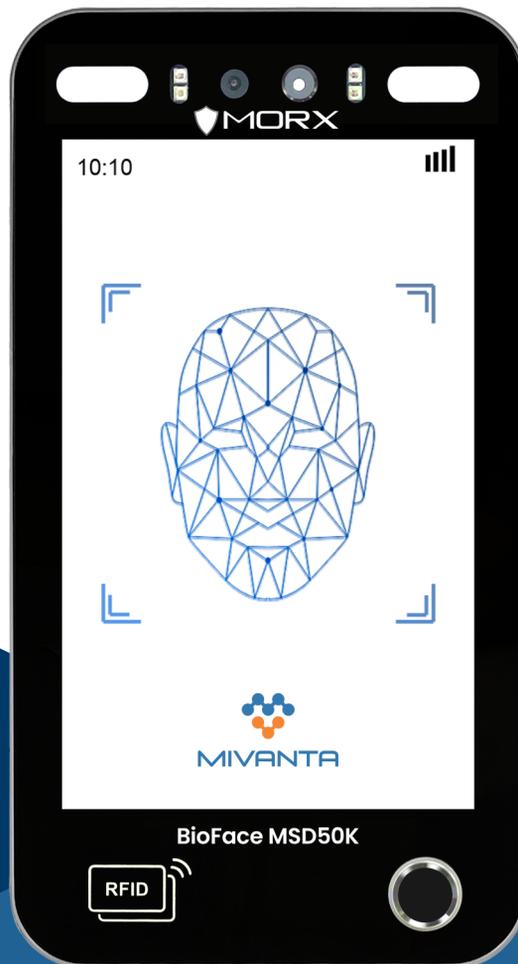
RFID

Single user / Multi user

Fingerprint

PIN

RFID Support

8.0 inch Touch Screen

Access Control

0.5-2.5 meters Reading Distance

Photo Capture

Live Body Detection

Multi Language

$e=mc^2$

Education

Retail

Government

Health

Logistics

Bank

Office

Factory

Product name	Bioface-MSD50K Dynamic Face Recognition Terminal
Screen	8.0 Inch IPS Touch Screen, HD 800*1280
Keypad	Touch keypad
Operation system	LINUX
CPU, NPU	1.2G Dual-Core ARM Cortex-A7, 600G (0.6T)
RAM	256MB DDR3L
ROM	eMMC Flash 4GB
Binocular camera	Real Sensor 1/2.9 inch FOV 75° 200W pixel Sony high-definition color camera WDR wide dynamic Sensor 1/5 inch FOV 75°200W pixel infrared live camera
Live detection	Dynamic dual-camera anti-counterfeiting, to prevent all kinds of black &white, color photos and videos from deception
Logs capacity	500000
Verification	Dynamic face recognition, password, ID&IC card
Face capacity	50,000
Fingerprint Capacity	1,00,000
Card Capacity	50,000(ID/IC)
Password Capacity	50,000
Face Recognition Accuracy	99.70%
Recognition Speed	≤0.2s, support single user/multi people(at most 5 people) recognition at same time
Recognition Distance	0.5~2.5 meters (0.5~1.5 meters with live face recognition on)
WDR	Wide dynamic range, support accurate face recognition under Strong light, dark light and backlight Supports simultaneous recognition of up to 5 people, face tracking, face capture
USB	USB2.0x1, Support U disk import/export data
Network Communication	TCP/IP, Wifi, 4G, 4G+GPS(optional)
Management Software	Desktop, Cloud, SDK, Mobile APP

Access Control Interface	Relay output*1set, Alarm output*1set, Exit button*1set, Wiegand: input&output 26/34, Door sensor*1set
Environmental adaptability	Working temperature: -15C~+45°C (storage temperature -40C~+65°C), Working humidity: 20%~90% (storage humidity 20%~90+2%),
Multi language	Support more than 20 national languages and voices including English and other languages
Automatic fill light	Support infrared fill light, the white fill light automatically lights up when face is captured in dark light
Working Current	stand-by current: 310mA, Working current: 520mA
QR Code Scanner	Support
Mask Detection	Support
Power Supply	DC12V 2A
Installation Way	Standard: Wall mount, desktop stand; Optional: bracket for turnstile, floor stand