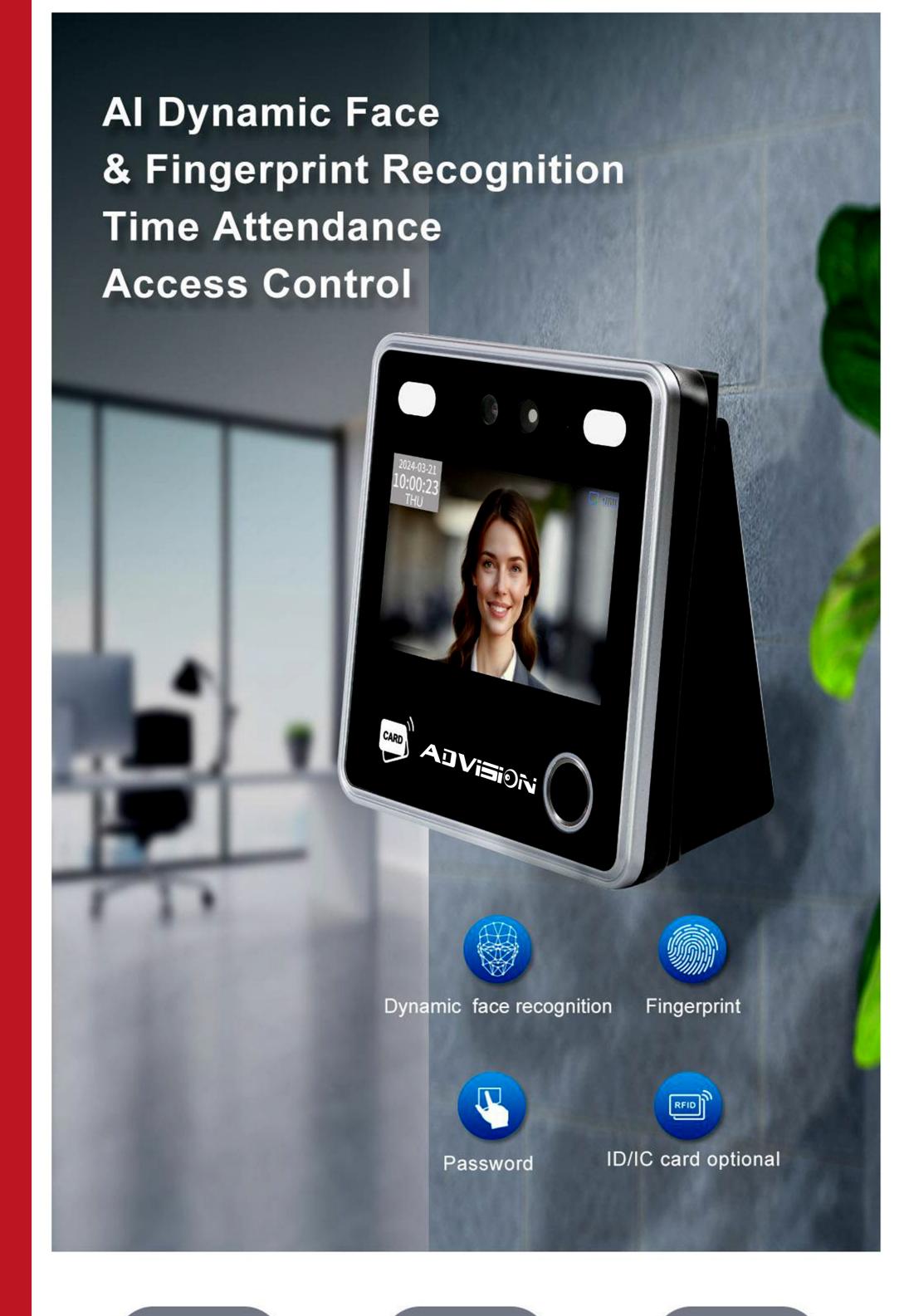
AD-505 FP/W/VB-AI





Infrared Live Body Detection

Fast identify forehead, nose, chin, mouth, etc.





ID/IC Card Optional



Recognition Distance



Capacity

Screen

Display



Recognition Speed



Capacity



Fingerprint



Touch Screen

1MP

Infrared live

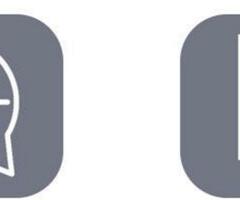
camera



Multi

Language

1MP Colorful WDR



Access Control



Face Recognition Accuracy



Vein image

Near-infrared image

Specifications

Screen	4.3 Inch Touch Screen
Keypad	Touch keypad
Operation system	LINUX 3.10
CPU	800M single-core ARM Cortex-A7
NPU	800G (0.8T) Hashrate
RAM, ROM	256M DDR3L, 4G EMMC
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,Palm vein(optional)Fingerprint,password,ID Card(IC card optional)
Face capacity	5000
Fingerprint Capacity	10,000
Palm Vein Capacity	10,000
Card Capacity	15,000
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)
Principle of Identification	Face algorithm technology of multi-task cascaded convolutional
	neural network based on
	video stream for dynamic face detection, tracking and recognition
WDR	Wide dynamic range, support accurate face recognition under
	Strong light, dark light and backlight
USB	USB2.0x1, Support U disk import/export data
Power supply	DC12V 1A
Built-in Battery (optional)	7.4V, 2000mA
Network Communication	TCP/IP, USB, Wifi
Free Attendance sofware	Local software and web based cloud software
Mask Detection	Support mask detection and face recognition with mask on
Access Control Interface	Lock output
	Doorbell output/external ring
	Weigand input/output
Environmental adaptability	Working temperature: 0~45°C
	Working humidity: 20% ~90%
	Dark enviroment: LEDSoft light automatic fll light (Automatic
	control according to ambient light)
Muti language	Support 20 national languages and voices including English,
	Spanish, Arabic, Thai, Farsi, Portuguese, French, Italian,
	Japanese, Korean, etc