IP65 | Swipe card | Portrait recognition | touch screen



Product introduction:

WDU707SE is a high-performance, high-reliability portrait recognition product that relies on deep learning algorithms and has the characteristics of fast recognition speed and high accuracy. Supports portrait recognition and built-in card swiping.

Application scenarios:

Schools, communities, office buildings, hotels, shopping malls, shops, public service places, etc.

Product Features:

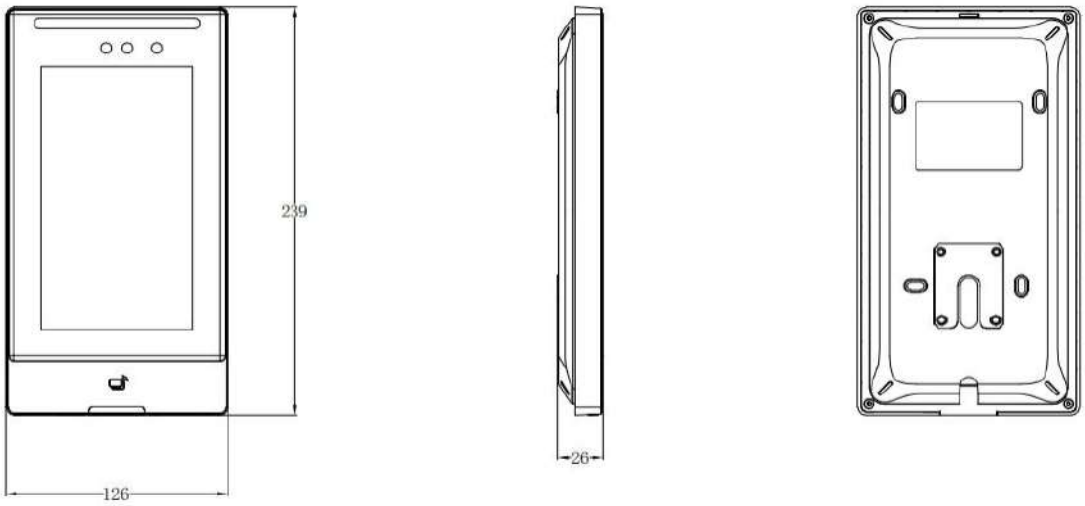
- Industrial-grade design, easy installation, stable performance
- 7- inch IPS full-view LCD touch screen
- The recognition accuracy rate is 99.99% [1](the recognition pass rate is 99.77% under a 1% misrecognition rate; the recognition pass rate is 99.27% under a 0.1% misrecognition rate)
- Recognition speed is less than 0.5 second
- Standard 50,000 images
- Support anti-backlight
- Support live body detection
- Built-in IC & ID card
- IP65 design
- Equipped with three-color led light

Technical Parameters:

show	
Display	7-inch IPS full-view LCD touch screen, brightness 550cd/m
resolution	1024*600
RGB camera	
Image Sensor	1/2.9 " Progressive Scan CMOS
resolution	1920*1080
field of view	Vertical 47° Horizontal 30°
focal length	4.3mm
aperture	F2.0
Shutter type	Electronic rolling shutter
3A function	Support AEC/gain/white balance
infrared camera	
Image Sensor	1/2.9 " Progressive Scan CMOS
resolution	1920*1080
field of view	Vertical 47° Horizontal 30°
focal length	4.3mm
aperture	F2.0
Shutter type	Electronic rolling shutter
3A function	Support AEC/gain/white balance
interface	
Serial communication interface	1 way RS-485
Relay output	1 door opening signal output,1 dry contact output
Wiegand interface	1 Wiegand 26/34/50/66 output, switchable Wiegand input (supports the same protocol type as the output)
signal input	2 signal input, supports switching
Network Interface	1 channel 10/100M adaptive network port, WIFI4.0
restart button	1 reset button
Swipe card module	Built-in, IC & ID card
USB interface	1 way Type-A
Tamper switch	1
speaker	Built-in, 1 1.5 W speaker
Function	
Portrait	Detect and track 5 people at the same time

detection	
Recognition accuracy	99.99% (the recognition pass rate is 99.77% under a 1% misrecognition rate; the recognition pass rate is 99.27% under a 0.1% misrecognition rate)
Identify patterns	Face recognition, card swiping, face and card integration, face and ID comparison, password
Liveness detection	support
Equipment capacity	50,000 images, 50,000 cards
Personnel	50,000 Personnel
Stranger detection	support
Identify distance configuration	support
UI interface configuration	support
Remote upgrade	support
Deployment method	Public network, LAN
SDK and Software	Standalone SDK, WDTIME, Cloud
System parameters	
operating system	Linux
CPU	Dual core ARM Cortex-A7, RISC-V MCU
NPU	1.2 Tops support INT8/ INT16
storage	Memory 512M, storage 8GB
General parameters	
Operating temperature	-10℃~60℃
Storage temperature	-20℃~60℃
Working humidity	10%~90%
Protection level	IP65
power supply	DC 12V/2A
Power consumption	Max. 15W
Equipment size	Wall-mount: 239×126×26mm Turnstile: 346×126×62mm (height×width×thickness)
Installation method	turnstile, wall mount

Wall mount:



Turnstile:

