PRISMAWEB

We can offer the FR terminal with a standalone configuration, Wiegand Interface with 3rd party Access Controller and also fully integrated with PRISMAWEB ISMS.

INEXPENSIVE

HIGH END

BIG DISPLAY

BEST PRICE

COMPACT

NEW COMING

FR Series AI Facial Recognition Terminal

Over view

PW 7 is an enhanced all-in-one recognition terminal updated by the latest technology, which notably offers the best fit for different scenario needs with incomparable merits such as rich interfaces and enables quicker facial automatic when a target enters its detection distance from 0.3m to 2m. Powered by the dual core CPU for running the intellectualized Uni-Ubi® robust algorithm, the live detection has been optimized in producing the best biometric recognition accuracy and anti-spoofing ability, with greatly boosted security performance.

PRISMAWEB Mini Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 0.3s high-speed facial verification
- Register 10,000 facial templates
- Live detection algorithm against spoofing attacks
- Bluetooth connection to mobile App
- Voice prompt
- IK10, IP66
- - 40OC low temperature running

CPU	ARM Cortex A7 MP2@1GHz, 8GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera; Starlight, wide camera
Lights	One tri-color indicator LED, Two infrared fill-in LEDs
External Interfaces	Relay, Wiegand input/output, RS232, RS485, Exit button, Door sensor, Fire alarm
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-40~65 ℃ , 10-90% RH
Dimensions	56.00mm * 183.00mm * 34.60mm

PW 3/PW 3 Pro Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 1s high-speed facial verification
- Register standard 1,000 facial templates
- Live detection algorithm against color and B/W photos, videos attack
- Compact and exquisite outline, desktop or wall-mounting installation
- Photosensitive automatic adjustment fill-in light
- USB 2.0 (Host)

BEST PRICE

Model	PW3	PW3 Pro
CPU	CPU@1.5GHz, 8GB ROM + 256MB RAM	
Cameras	IR, RGB dual-lens camera	
Display Screen	2.8-inch TN touch screen, 240*320	
External Interfaces	N/A	Relay, Exit button
Card Modules	N/A	Standard EM & MIFARE Card
Operating System	Linux	
Operating Voltage	DC 5V/2A	
Temperature & Humidity	-10℃~60℃, 10%~90%	
Dimensions	120.00mm*100.00mm*27.40mm	

PW-4 Access Control Series

SLIM

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 1s high-speed facial verification
- Register standard 10,000 facial tem-
- plates
- Live detection algorithm against color and B/W photos, videos attack
- Industrial design, stable performance, and smooth outline
- QR Code access reader
- Anti-backlight

CPU	Dual-core ARM Cortex-A7@900MHz, 4GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera
Display Screen	3.97-inch IPS full-view LCD touch screen
External Interfaces	Relay, Wiegand input/output, RS232, Door sensor, Exit button, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-10℃~50℃ , 10%~90%
Dimensions	166.00 mm*80.00mm*21 mm

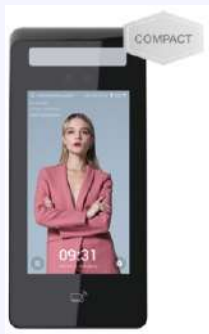## PW5Lite Access Control Series

- MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 1s high-speed verification
- Register standard 3,000 facial templates
- Live detection algorithm against photos, videos and 3D masks attack
- USB access

CPU	Dual-core ARM Cortext-A7@900MHz, 4GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera
Display Screen	5-inch capacitive touch screen
External Interfaces	Relay, Wiegand output, RS232, Door sensor, Exit button, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-10~50 ℃ , 10-90%
Dimensions	185.80±0.50mm*93.78±0.30mm*22.50±0.50mm

PW-5 Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 1s high-speed facial verification
- Register standard 50,000 facial templates
- Live detection algorithm against photos, videos and 3D masks attack
- Industrial design, stable performance
- QR Code access reader
- Anti-backlight

CPU	Dual-core ARM Cortex-A7, 8GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera
Display Screen	5-inch IPS full-view LCD touch screen
External Interfaces	Relay, Wiegand output, RS 232, Exit button, Door sensor, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-10~50 ℃ , 10-90%
Dimensions	190.00mm*88.00mm*17.00mm

PW5-Pro Access Control Series

- EM 125KHz & MIFARE 13.56MHz recognition
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Register standard 10,000 facial templates
- Live detection algorithm against photos, videos, and 3D masks attack
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7@900MHz, 8GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	5-inch TN touch screen
External Interfaces	Relay, Wiegand input/output, RS232, Door sensor, Exit button, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-10°C~60°C, 10%~90%
Dimensions	174mm*84mm*18mm

PW5-Pro-FP Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Register standard 10,000 facial templates and
- 3,000 fingerprints
- Live detection algorithm against photos, videos, and 3D masks attack
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7@900MHz, 8GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	5-inch TN touch screen
External Interfaces	Relay, Wiegand input/output, RS232, Door sensor, Exit button, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-10°C~60°C, 10%~90%
Dimensions	174mm*84mm*18mm

PW5-Pro-QR Access Control Series

- EM 125 KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Register standard 10,000 facial templates
- Live detection algorithm against photos, videos, and 3D masks attack
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7@900MHz, 8GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	5-inch TN touch screen
External Interfaces	Relay, Wiegand input/output, RS232, Door sensor, Exit button, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-10°C~60°C, 10%~90%
Dimensions	174mm*84mm*18mm

PW-7 Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Face capacity up to 1: N-30,000 facial templates
- Live detection algorithm against photos, videos, and 3D masks attack
- 7-inch TN touch screen with 550 lux, offering high visibility against intense, direct light
- 1920*1080 IR, RGB camera sensor, supporting facial recognition in a dark state
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7@900MHz, 8GB ROM + 1GB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	7-inch TN LCD touch screen
External Interfaces	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, 2 Type-A USB, MIC
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-40°C~60°C, 10%~90%
Dimensions	219mm*113mm*23mm

PW-7T Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Face capacity up to 1:N-30,000 facial templates
- Live detection algorithm against photos, videos, and 3D masks attack
- 7-inch TN touch screen with 550 lux, offering high visibility against intense, direct light
- 1920*1080 IR, RGB camera sensor, supporting
- facial recognition in a dark state
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7@900MHz, 8GB ROM + 1GB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	7-inch TN LCD touch screen
External Interfaces	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, 2 Type-A USB, MIC
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-40°C~60°C, 10%~90%
Dimensions	323mm*120mm*99mm

PW7-Pro Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 1s high-speed facial verification
- Register standard 50,000 facial templates
- Live detection algorithm against color and B/W photos, videos attack
- QR code reader access
- 4G (Optional)
- IP65 (Outdoor solution)

CPU	Dual-core ARM Cortext-A7@900MHz, 512MB RAM+ 8GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera
Display Screen	7-inch IPS full-view LCD touch screen
External Interfaces	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-10°C~60°C , 10%~90%
Dimensions	232.00mm*122.00mm*38.00mm (Without bracket)

PW7-Tpro Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 1s high-speed facialverification
- Register standard 50,000 facial tem-
- plates
- Live detection algorithm against photos, videos and 3D masks attack
- IP65 (Outdoor solution)
- QR code reader access
- Anti-backlight

CPU	Dual-core ARM Cortext-A7@900MHz, 8GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera
Display Screen	7-inch IPS full-view LCD touch screen
External Interfaces	Relay, RS232, RS485, Wiegand input/output, Door sensor, Exit button, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-10~60 °C , 10~90%
Dimensions	232.00mm*122.00mm*33.50mm (Without bracket)

PW-8 Access Control Series

- MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 1s high-speed facial verification
- Register standard 100,000 facial templates
- Live detection algorithm against photos, videos and 3D masks attack
- Industrial design, stable performance
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7, 8GB ROM + 1GB RAM
Cameras	IR, RGB dual-lens camera
Display Screen	8-inch IPS full-view LCD touch screen
External Interfaces	Relay, Wiegand output, RS232, Door sensor, Exit button, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-10°C~50 °C , 10%~90%
Dimensions	272.50±0.20mm*133.00±0.20mm*87.63±0.60mm

PW-8T Access Control Series

- MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 1s high-speed facial verification
- Register standard 100,000 facial templates
- Live detection algorithm against photos, videos and 3D masks attack
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7, 8GB ROM + 1GB RAM
Cameras	IR, RGB dual-lens camera
Display Screen	8-inch IPS full-view LCD touch screen
External Interfaces	Relay, Wiegand output, RS232, Door sensor, Exit button, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-10~50 °C, 10~90%
Dimensions	126 ± 0.20 * 469.10 ± 0.20 * 114.07

PW-8- Pro Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Register standard 50,000 facial templates   (Optional 100,000)
- Live detection algorithm against printed (color and B/W photos), videos, and 3D masks attack
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7, RISC-V MCU, 8GB ROM + 1GB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	8-inch IPS full-view LCD touch screen
External Interfaces	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, USB (Type A & Type C), MiC
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-40°C~50°C, 10%~90%
Dimensions	248mm*128mm*22mm

PW-8-Pro-4G Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Register standard 50,000 facial templates (Optional 100,000)
- Live detection algorithm against printed (color and B/W photos), videos, and 3D masks attack
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7, RISC-V MCU, 8GB ROM + 1GB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	8-inch IPS full-view LCD touch screen
External Interfaces	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, USB (Type A & Type C), MIC
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-40°C~50°C, 10%~90%
Dimensions	248mm*128mm*22mm

PW-8-Pro-FP Access Control Series

- EM 125 KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Register standard 50,000 facial templates   (Optional 100,000) and 5,000 fingerprints
- Live detection algorithm against printed (color and B/W photos), videos, and 3D masks attack
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7, RISC-V MCU, 8GB ROM + 1GB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	8-inch IPS full-view LCD touch screen
External Interfaces	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, USB (Type A & Type C), MIC
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-40°C~50°C, 10%~90%
Dimensions	248mm*128mm*22mm

PW-8T-Pro Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Register standard 50,000 facial templates   (Optional 100,000)
- Live detection algorithm against printed (color and B/W photos), videos, and 3D masks attack
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7, RISC-V MCU, 8GB ROM + 1GB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	8-inch IPS full-view LCD touch screen
External Interfaces	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, USB (Type A & Type C), MIC
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-40°C~50°C, 10%~90%
Dimensions	358mm*128mm*64mm

PW-8-Pro-4G Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Register standard 50,000 facial templates (Optional 100,000)
- Live detection algorithm against printed (color and B/W photos), videos, and 3D masks attack
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7, RISC-V MCU, 8GB ROM + 1GB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	8-inch IPS full-view LCD touch screen
External Interfaces	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, USB (Type A & Type C), MIC
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-40°C~50°C, 10%~90%
Dimensions	358mm*128mm*64mm

PW-8-Pro-FP Access Control Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- 0.3s high-speed facial verification
- Register standard 50,000 facial templates (Optional 100,000) and 5,000 fingerprints
- Live detection algorithm against printed (color and B/W photos), videos, and 3D masks attack
- Industrial design, stable performance, and smooth outline
- IP65 (Outdoor solution)
- Anti-backlight

CPU	Dual-core ARM Cortex-A7, RISC-V MCU, 8GB ROM + 1GB RAM
Cameras	IR, RGB dual-lens camera, Recognition distance (0.3-2m)
Display Screen	8-inch IPS full-view LCD touch screen
External Interface	Relay, Wiegand input/output, RS232, RS485, Door sensor, Exit button, USB (Type A & Type C), MIC
Operating System	Linux
Operating Voltage	DC 12V/2A
Temperature & Humidity	-40°C~50°C, 10%~90%
Dimensions	358mm*128mm*64mm

PW-M Mobile T&A

- Register standard 10,000 facial templates
- IP69 (Outdoor solution), IK07
- Large-capacity storage, smooth running
- Multiple hardware extensions supported
- All data can be exported and uploaded to the platform

Screen	Touch screen 5.0-inch, 1280*720 resolution, 294PPi, Corning's third generation gorilla glass
Memory	32GB EMMC (ROM) + 3GB DDR3 (RAM)
4G	TD-LTE Band 38/39/40/41FDD-LTE Band 1,2,3,4,7,17,20
Cameras	Front Camera, 500W, FF, Resolution: 2560*1920 Rear Camera, 1300W, PDAF, Resolution: 4160*3120
Operating System	Android
Battery	Lithium polymer 3.8V (4.35V) 5000mAh
Standby Time	≥ 50 hours
Dimensions	160.80mm*76.90mm*15.30mm

PW5 -Temp Series Thermometry Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 1s high-speed facial verification
- Register standard 50,000 facial templates
- Live detection algorithm against color and B/W photos, videos attack and
- 3D masks attack
- Quick and stable measuring of forehead teperature
- Anti-backlight

CPU	Dual-core ARM Cortex-A7@ 900MHz, 8GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera
Display Screen	5-inch IPS full-view LCD touch screen
External Interfaces	Relay, RS232, Wiegand output, Door sensor, Exit button, USB
Operating System	Linux
Operating Voltage	DC 12V/2A
Protection Grade	Indoor use, avoid interference of heat source
Measuring Parameters	Distance:0.3~0.5m; Range:30~43°C; Accuracy:±0.2°C
Temperature & Humidity	0~45 °C, 20~85%
Dimensions	216.23 mm*90.00 mm*26.00 mm

PB-5-H Thermometry Series

- EM 125KHz & MIFARE 13.56MHz
- Recognition accuracy 99.99%
- Less than 1s high-speed facial verification
- Register standard 50,000 facial templates
- Live detection algorithm against color and B/W photos, videos attack and
- 3D masks attack
- Facial recognition + Temperature measuring (fast and accurate)
- QR Code access reader

CPU	Dual-core ARM Cortex-A7@ 900MHz, 8GB ROM + 512MB RAM
Cameras	IR, RGB dual-lens camera
Display Screen	5-inch IPS full-view LCD touch screen
External Interfaces	Relay output, Exit button, Wiegand output, RS232
Operating System	Linux
Operating Voltage	DC 12V/2A
Protection Grade	Indoor use, avoid interference of heat source
Measurement Parameters	Distance: 0.3~1.5m; Range:30~45°C; Accuracy:±0.5°C
Temperature & Humidity	0~50°C, 10~90%
Dimensions	240.00 mm*88.00 mm*29.20 mm

PRISMAWEB

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