



Management



Efficiency



Accuracy

All-in-One Device with Full Functionality

- The tablet works independently, no extra computer needed.
- It performs all functions: access control, attendance tracking, reports, dashboards, and notifications.

Efficient Management through Flexible Integration

- Works with central management software (airaManager) for multiple site management.
- Offers APIs for smooth integration.

Simple Setup for Quick Use

- Easy three-step process for fast adoption.
- All actions can be done through a web page.

Taiwanese Recognition Technology and Software

- Self-developed facial recognition engine.
- Linux based system for top-notch cybersecurity.

Product Features



Access Control

- Supports face recognition, card access, and face&card double authentication.
- Offers relay and Wiegand signal output options.
- Allows for multiple access schedules and authorization control for personnel.



Attendance

- Time clock mode available.
- Calculates work hours and attendance.
- Records clock-in, clock-out, breaks, and overtime.



Reports

- Daily and monthly attendance reports.
- Export attendance and work hours data in XLS and TXT formats.
- Personnel and visitor investigation reports.



Dashboards

- Welcome dashboard
- Attendance dashboard
- Occupancy dashboard



Notifications

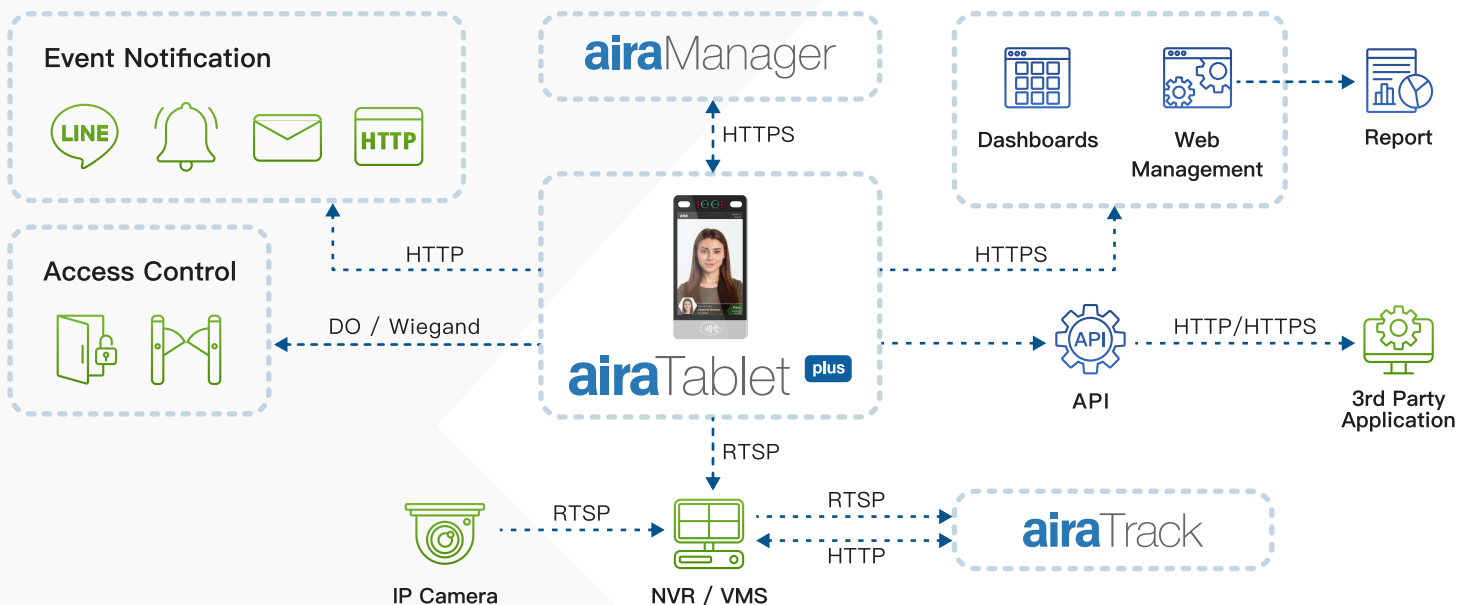
- LINE notifications
- Email notifications
- HTTP command notifications



Expansion

- Synchronized management with airtaManager.
- RTSP video output to NVR/VMS supported.
- Integration APIs available.

System Architecture



airaTablet ^{plus} 8-inch Facial Recognition Tablet

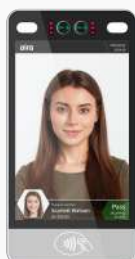
Software Functions

All-in-One Tablet <ul style="list-style-type: none"> Tablet provides all needed hardware, software, and services; no extra computer required. 	Personnel Database <ul style="list-style-type: none"> Stores up to 10,000 faces.
Operating Mode <ul style="list-style-type: none"> Standalone recognition mode available on the tablet. Supports central management via airaManager. 	Tablet Recognition Method <ul style="list-style-type: none"> Offers Passage Mode or Time Clock Mode.
Facial Recognition <ul style="list-style-type: none"> Recognizes three faces per second. Equipped with dual-level liveness detection (IR and AIRA software anti-spoofing technology). 	Tablet Recognition Results <ul style="list-style-type: none"> Displays captured faces or registered photos. Allows customization of recognition result display, including information for successful or failed recognition. Supports audio file upload (WAV format) for playback upon recognition.
Authentication Mode <ul style="list-style-type: none"> Authentication options include face, card, and face + card dual authentication. 	API <ul style="list-style-type: none"> Provides API and WebSocket integration methods.
Visitor Management <ul style="list-style-type: none"> Registers visitor information with valid time periods. 	Personnel Management <ul style="list-style-type: none"> Allows bulk personnel import using Excel files. Exports personnel data and photos together in Excel format.
Attendance Management <ul style="list-style-type: none"> Calculates work hours based on Passage Mode or Time Clock Mode. Web-based daily and monthly attendance records with details like missed punches, tardiness, and early departures. Exports employee attendance data in Excel and TXT formats with customizable delimiters and fields. Provides a process for correcting missed clock-ins and querying missed clock-in records. 	Access Control Management <ul style="list-style-type: none"> Supports multiple personnel access schedules and permission control. Triggers door lock relay or provides 26/34/64-bit Wiegand output. Authentication results (success or failure) trigger LINE notifications, email notifications, or HTTP commands. Independent event notification switches and schedule controls without modifying access control management settings.
Centralized Management <ul style="list-style-type: none"> airaManager centrally manages personnel data for tablet access (add, modify, delete). airaManager displays connection status for all managed tablets. Tablets automatically sync with airaManager, no fixed IP required. Data transmission between tablets and airaManager is secured with HTTPS encryption. When the network reconnects, the tablet resumes sending recognition data to airaManager from the disconnected period, ensuring data accuracy. 	
Display on Dashboards <ul style="list-style-type: none"> Dashboards: Welcome, Attendance, and Occupancy displayed on web pages. Welcome Dashboard welcomes up to four guests with customizable pics, backgrounds, and text. Attendance Dashboard displays on-site personnel and daily entry/exit stats with group view and auto rotation. Occupancy Dashboard shows on-site personnel and daily entry/exit stats. Dashboards can go full screen on remote devices and tablets and can be embedded into other web-supported software. 	
VMS Integration <ul style="list-style-type: none"> Authentication results can be sent to NVR/VMS via custom HTTP commands to create events or bookmarks. 	
Video Output <ul style="list-style-type: none"> Video output in H.264 format (720x1280 @ 10 FPS / 512 Kbps) via RTSP to NVR/VMS systems. 	

Hardware Functions

Display Screen	8-inch display with a resolution of 800x1280	Processor	CPU: Dual-core ARM Cortex-A7 NPU: 1.2 TOPS
Communication Interfaces	10/100Mbps Ethernet, Wi-Fi	Video Interfaces	RTSP (H.264 / 800x1280@10fps / 512Kbps), RS485, RS232, RJ45, Wiegand output, door lock relay, reboot button
Camera	Dual-lens camera (RGB + IR), 2MP + 2MP	Fill Light	Auto fill light, white light LED
Sensors	Infrared Sensors	Power Input	12V / 2A power adapter
Card Reader	Contactless card reader, supports MIFARE and FeliCa formats	Operating Temperature	-10 °C ~ 50 °C
Waterproof and Dustproof	IP66-rated	Supported Specifications	Wall-mount, turnstile, column mount brackets (optional)
Device Dimensions	248 (L) x 128 (W) x 22 (H) mm 9.78 (L) x 5.04 (W) x 0.87 (H) inches		

Purchase Information



airaTablet ^{plus}

TBT-3200

Standalone all-in-One tablet, wall mount bracket included

Optional Accessories	Part No.	Description
Turnstile Mount Bracket	BKT-1000	Bracket for Turnstile Use
Column Mount Bracket	BKT-1100	Use the column mount bracket along with the turnstile mount bracket
airaManager Server	ZMG-2200	Centralized management software for multi-point administration
airaManager Channel License	ZMG-8000	Software licensing for each tablet



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