

FIRMWARE ANNOUNCEMENT March 2025

SUBJECT

Intercom v5.1.1.0 - Unlock More Possibilities

Intercom v5.1.1.0 (62405)

LIST OF IMPROVEMENTS:

1) NEW: CAM2 BUILDING MANAGEMENT

Provision-ISR's intercom system now scales up to support large residential and commercial environments **with the Cam2 App**, providing seamless control for multi-dwelling units, office complexes, and more.

A **Cam2 user account** can manage up to **100** intercom outdoor units. Each intercom supports up to **1,000 rooms/apartments**, with up to **5 residents** per room (other Cam2 users).

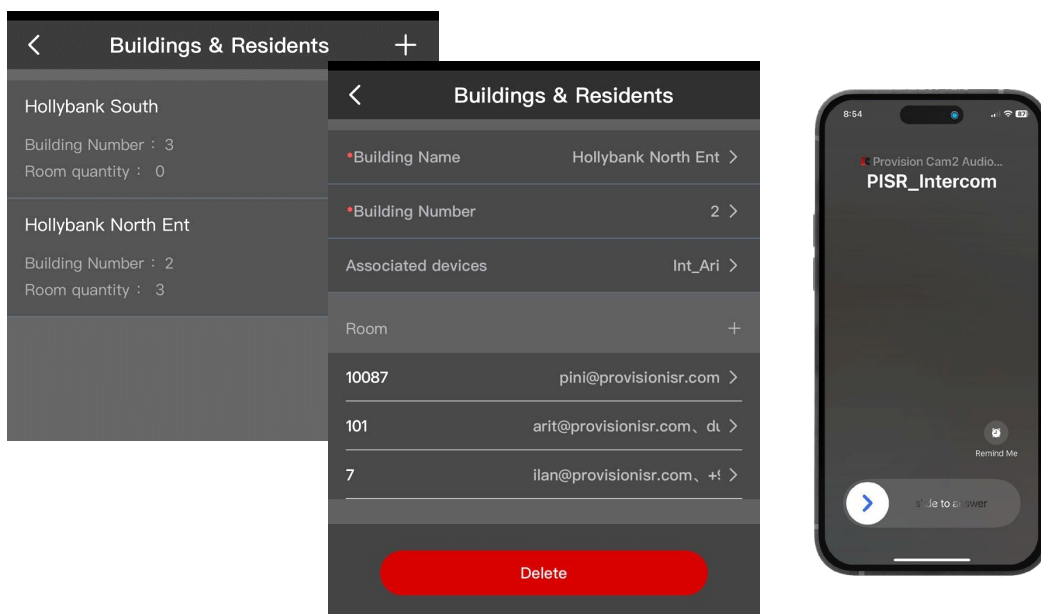
This setup allows seamless connectivity for up to **5,000 users** per intercom and, theoretically, up to 500,000 users per account, receiving direct calls via the Cam2 App.

1 Cam2 Account ➔ up to **100 intercom outdoor units**

1 Intercom ➔ up to **1,000 rooms/apartments**

1 Room/apartment ➔ up to **5 residents (Cam2 users)**

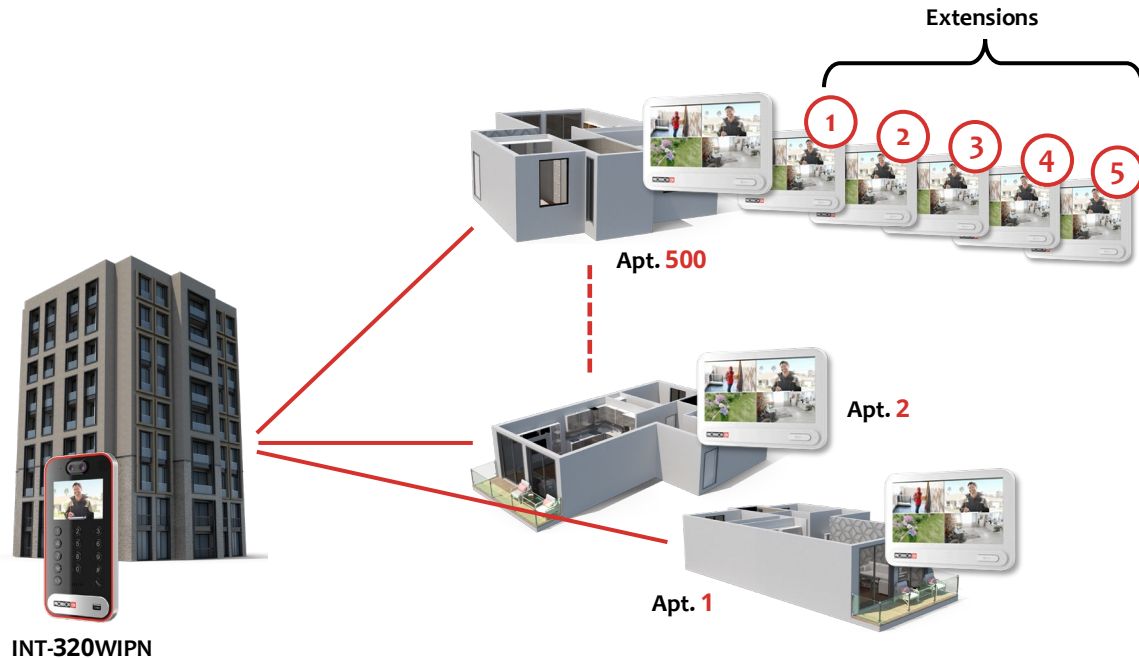
*** Cam2 App must be running FW v1.15.2 or higher.**



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2) NEW: EXPANDED MONITOR SUPPORT

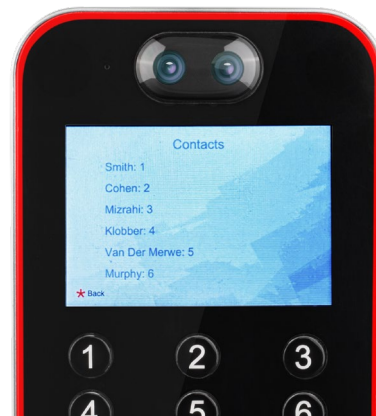
Continuing from our system's enhanced support for large-scale buildings, our intercom now connects to up to **500 MON-TCH7 indoor monitors** per intercom. Each monitor supports up to **5 extensions**, allowing the system to handle up to **3,000 monitors** per building. This ensures that even the largest installations, whether multi-dwelling units or office complexes, maintain seamless communication for every resident.



3) NEW: CONTACT DIRECTORY & MANAGEMENT

The intercom now features a **dedicated phonebook**, displaying tenant names alongside their **assigned room numbers**. Instead of relying on external lists or prior knowledge, users can easily access the phonebook, find the desired contact, and initiate the call. Additionally, the system allows **contacts** to be **manually added** to a room's list, giving property managers greater flexibility in keeping contact directories up to date.

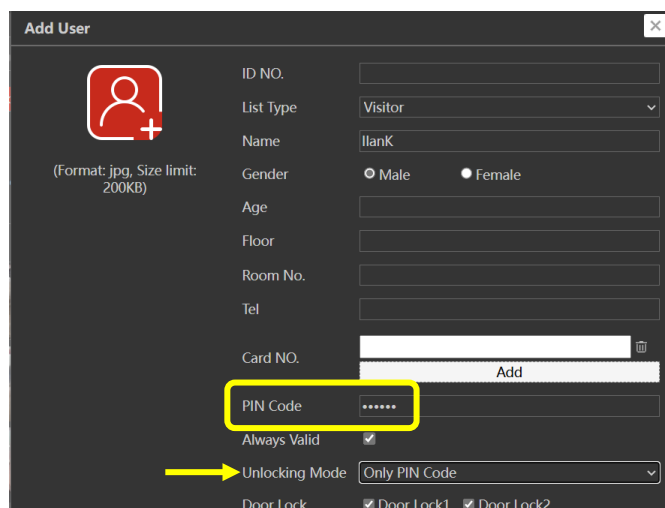
Add Manual Add Batch Delete					
Index	Face	Name	Floor	Room No.	Operate
1	---	Smith	0	1	Edit Delete
2	---	Cohen	4	2	Edit Delete
3	---	Mizrabi	0	3	Edit Delete
4	---	Klobber	0	4	Edit Delete
5	---	Van Der Merwe	0	5	Edit Delete
6	---	Murphy	0	6	Edit Delete



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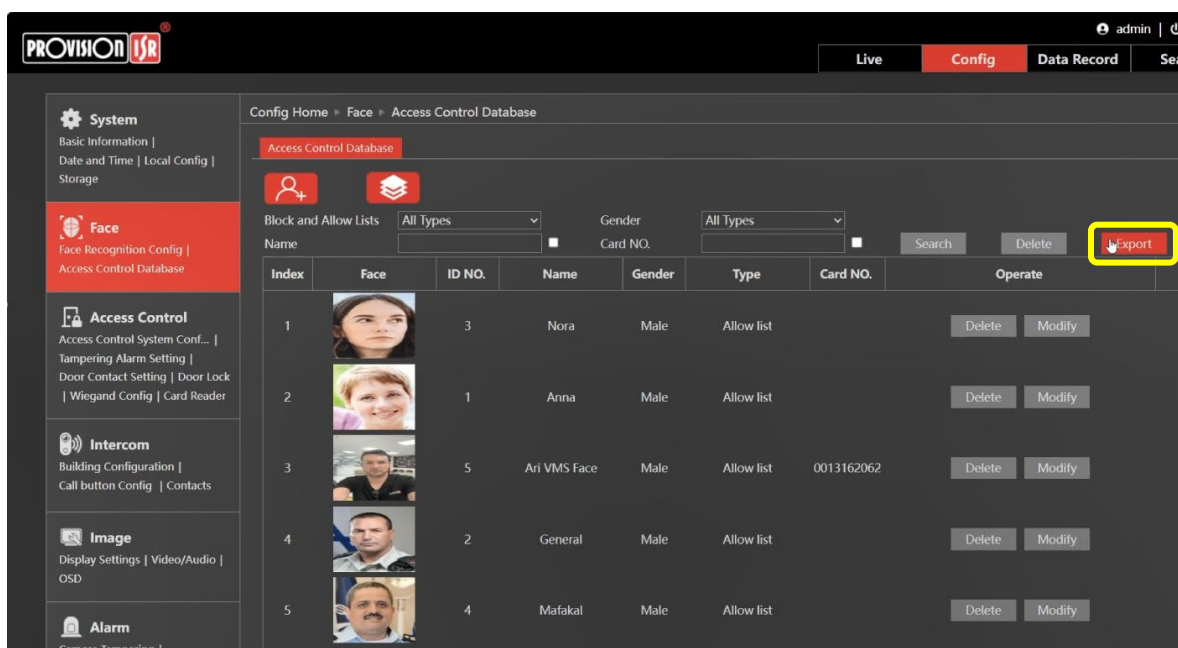
4) IMPROVED: PIN CODE ACCESS

The intercom now supports PIN code access, allowing users to **unlock doors using a personal PIN code** without needing face or card recognition. This feature introduces a new, secure way to control access, offering flexibility for users who prefer or require PIN-based entry.



5) NEW: FACE DATABASE IMPORT/EXPORT

Easily manage and transfer your access control database with the new import/export feature. The intercom system now allows you to **export the face database** as a compressed file, which includes a CSV file with all registered entries. Use this feature to **migrate data** between devices or **keep a backup** for added security.



Index	Face	ID NO.	Name	Gender	Type	Card NO.	Operate
1		3	Nora	Male	Allow list		Delete Modify
2		1	Anna	Male	Allow list		Delete Modify
3		5	Ari VMS Face	Male	Allow list	0013162062	Delete Modify
4		2	General	Male	Allow list		Delete Modify
5		4	Mafakal	Male	Allow list		Delete Modify

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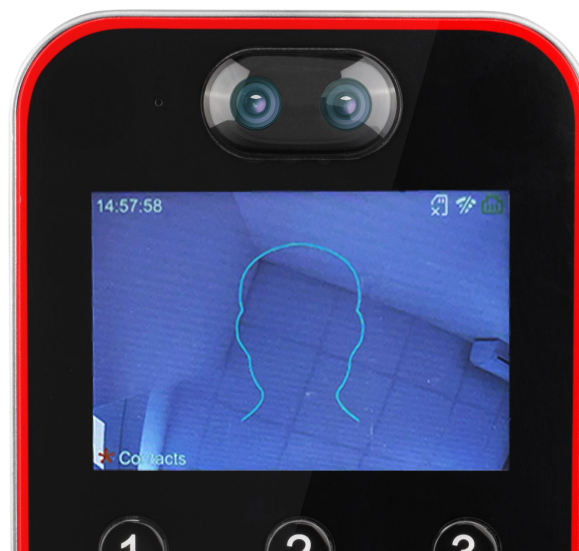
6) NEW: CLOUD-BASED WEB ACCESS

The latest firmware update enables **remote access** to the intercom's web interface via the cloud connection. Previously accessible only through local login or the Cam2 App, this enhancement provides users greater flexibility and convenience.



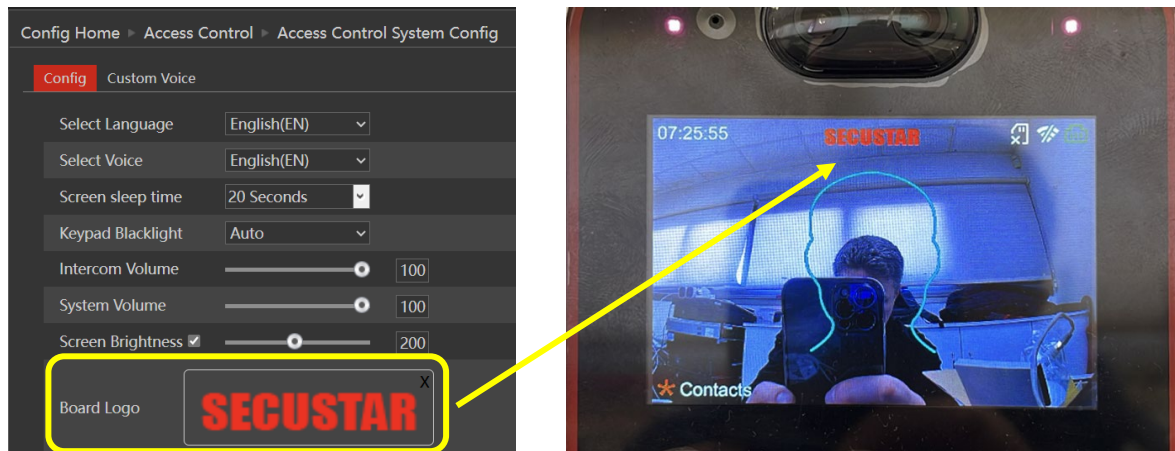
7) IMPROVED: HEAD POSITION GUIDE

The **"Head" indicator** has been re-added to the system, helping users position themselves correctly when approaching the intercom. This feature addresses the issue of users not knowing where to **position their faces for optimal face recognition**, resulting in a smoother and more accurate experience.



8) NEW: CUSTOM LOGO DISPLAY

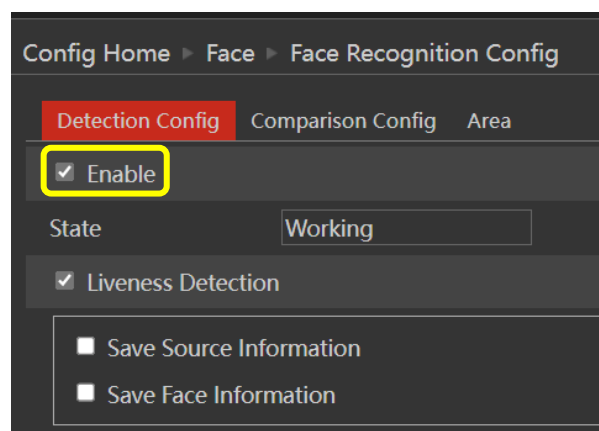
The intercom now supports displaying a **custom logo** at the mid-top of the screen, adding value for **companies and installers** looking to **promote their business**.



9) IMPROVED: FACE DETECTION CONTROL

Previously, the intercom detected and processed faces, even in cases where facial recognition was unnecessary. Now, users can **disable face detection entirely**, preventing the system from recognizing faces.

This option is beneficial for installations where audio-based access is preferred, **privacy regulations restrict biometric authentication**, or in high-traffic areas where facial detection is unnecessary.



10) IMPROVED: SCHEDULED LOCK CONTROL

With v5.1.1.0, you can decide who gets in and when! Set **specific access hours** for **different doors**, ensuring they can only **be unlocked at designated times**. This feature enables more effective security management, including restrictions outside working hours or on public holidays.

Config Home > Access Control > Door Lock

Config PIN Code configuration **Schedule**

☒ Enable

Door Lock1

Lock Condition NO

● Erase ○ Add

Day	Time Slot	Manual Input
Sun.	06:00-10:15, 17:45-22:30	Manual Input
Mon.	06:00-10:15, 17:30-22:30	Manual Input
Tue.	06:00-10:15, 17:30-24:00	Manual Input
Wed.	06:00-10:15, 16:00-20:15	Manual Input
Thu.	03:00-21:00	Manual Input
Fri.	04:15-15:30	Manual Input
Sat.	00:30-11:45, 20:45-22:45	Manual Input

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11) IMPROVED: FLEXIBLE USER REGISTRATION

Previously, adding a new user to the Intercom required uploading a face photo. With this update, users can now **register new residents without** needing to attach a **face image**, making the process faster and more convenient while maintaining full system functionality.

Control Database

Allow Lists All Types Gender All Types

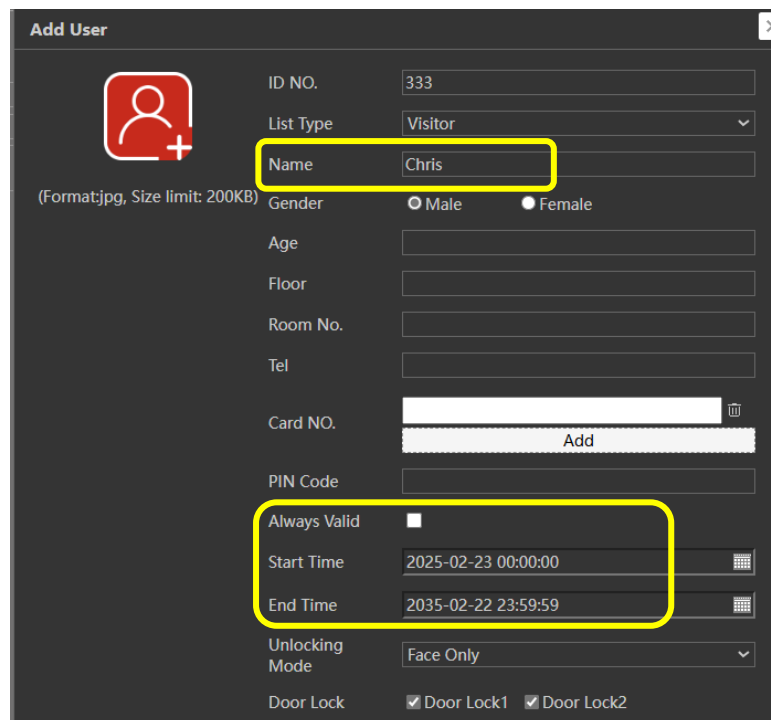
Robert ☒ Card NO. Search Delete

Face	ID NO.	Name	Gender	Type	Card NO.	Operate
	111	Robert	Male	Visitor		Delete Modify

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12) NEW: USER AND ACCESS MANAGEMENT

The "Name" field is **now mandatory** when adding new users, where you can also set an **automatic expiration date** for temporary access, ensuring better organization and control over short-term permissions.

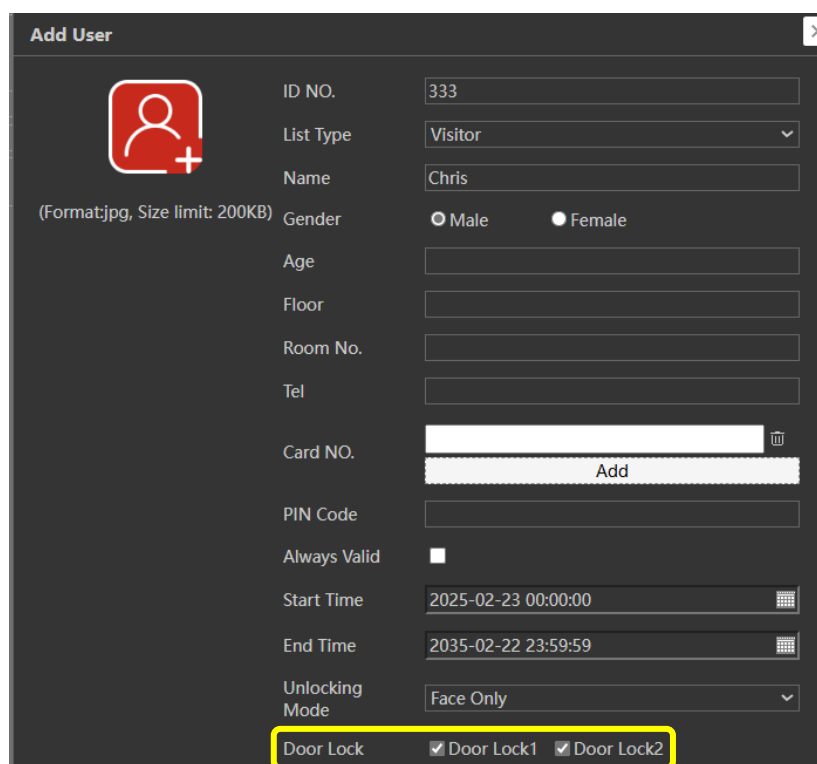


The screenshot shows the 'Add User' form with the following fields and values:

- ID NO.: 333
- List Type: Visitor
- Name: Chris (highlighted with a yellow box)
- Gender: ☒ Male ☐ Female
- Age:
- Floor:
- Room No.:
- Tel:
- Card NO.: Add
- PIN Code:
- Always Valid: ☐ (highlighted with a yellow box)
- Start Time: 2025-02-23 00:00:00
- End Time: 2025-02-22 23:59:59 (highlighted with a yellow box)
- Unlocking Mode: Face Only
- Door Lock: ☒ Door Lock1 ☒ Door Lock2

13) IMPROVED: DOOR LOCK CONTROL

This new update takes access control to the next level. Users can now **unlock Door 1 or Door 2 separately**, with **tailored permissions** for **each user**. Whether it's the main entrance or a restricted area, security is now more flexible and precise.

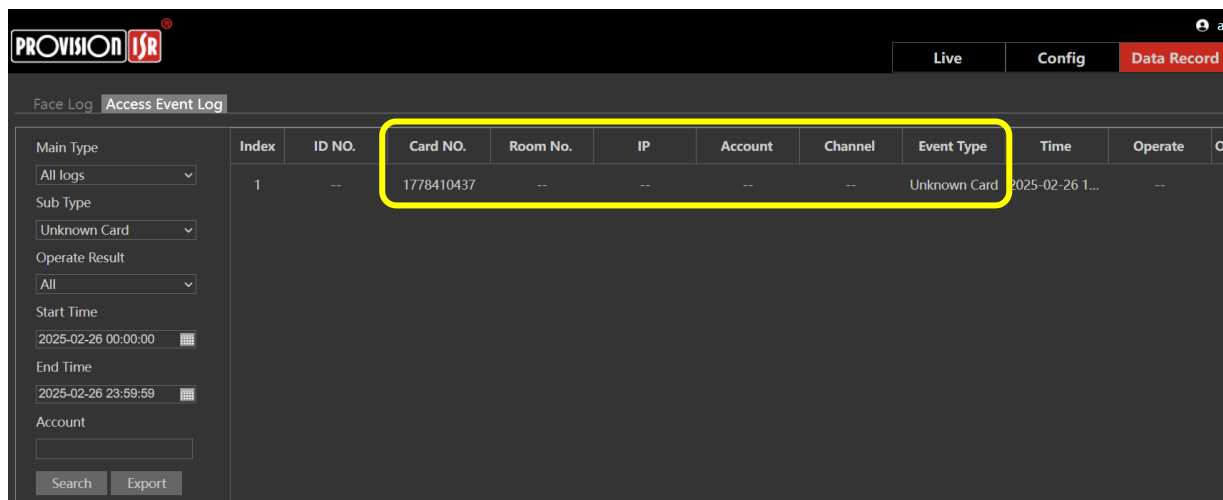


The screenshot shows the 'Add User' form with the following fields and values:

- ID NO.: 333
- List Type: Visitor
- Name: Chris
- Gender: ☒ Male ☐ Female
- Age:
- Floor:
- Room No.:
- Tel:
- Card NO.: Add
- PIN Code:
- Always Valid: ☐
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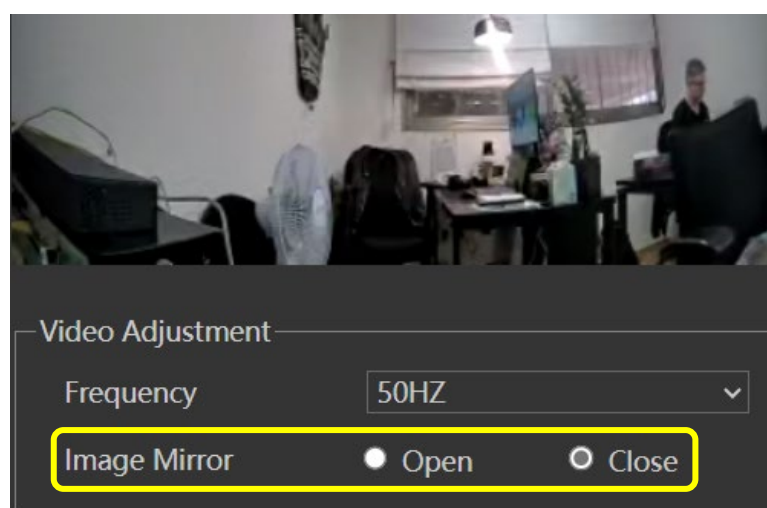
14) NEW: RFID LOGGING

With this update, **the system logs** the event for security tracking when an **unregistered RFID card** is swiped. This log can be reviewed later to identify potential security issues or unauthorized access attempts, providing an **added layer of oversight and protection**.



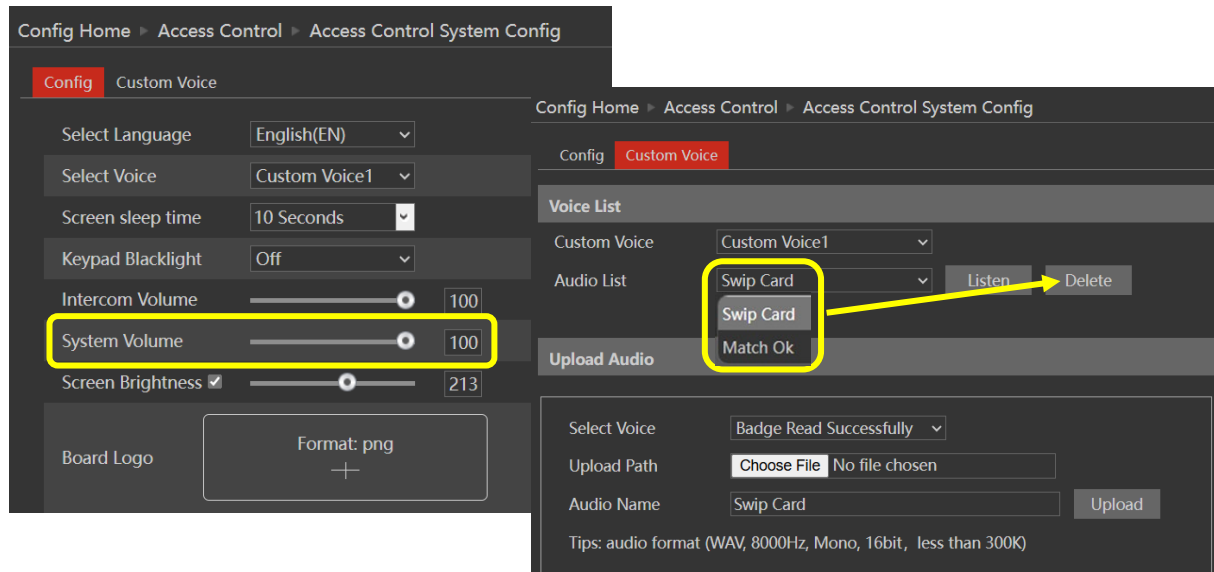
15) IMPROVED: MIRROR MODE CONTROL

This update allows users to decide whether the **video feed** from the intercom appears **flipped or in its correct orientation** when viewed via live web view or in NVR recordings. While the intercom screen always displays the proper image, users can now **toggle the mirror effect on or off** in the web interface or NVR settings (if connected), just as they would for any other camera. This ensures greater flexibility in displaying and recording the video, reducing potential confusion.



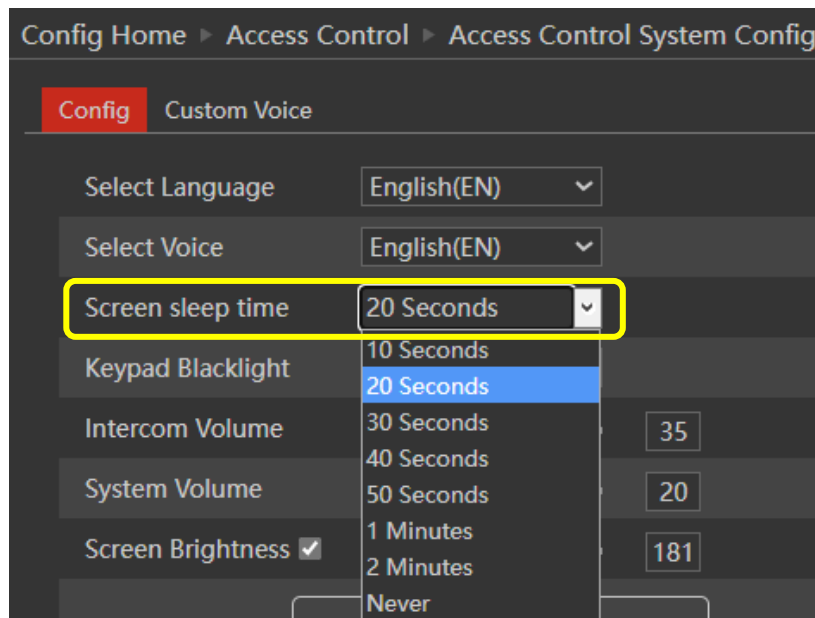
16) NEW: VOICE PROMPT CONTROL

Users now have the option to **disable voice prompts** entirely while maintaining two-way audio functionality. By lowering the system volume or removing the "swipe card" and "face match" prompts from the Voice List, the system will only emit a "ding" sound when the door is unlocked through face or tag recognition. This allows for a quieter, distraction-free experience.



17) IMPROVED: SCREEN SLEEP MODE

The default screen sleep time has been changed from "Never" to **20 seconds of inactivity** for improved energy efficiency. When the intercom detects a face, the screen will **automatically wake up**, ensuring a seamless and responsive user experience.



18) BUG FIXES & PERFORMANCE IMPROVEMENTS

This update addresses reported bugs to improve the overall stability and performance of the system, ensuring a smoother and more reliable user experience.