AR-721V
Voice Module

Product Contents

Voice Module

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AR-721V

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Features

- The AR-721V voice module can use the E-series card reader aliases and special firmware-specified output fields or trigger the voice module via AR-321-CM / AR-727-CM with direct transparent transmission commands.
- The AR-721V voice module uses TTL signals, so when controlling the voice module directly with AR-727-CM, an external AR-321L485-12V (TTL to RS-485 converter) is required.
- The AR-721V voice module operates on a 5V power supply. The AR-321L485-12V can provide an additional 5V power output, which requires customization. Please note this when ordering.

Connector Table

※ Note :

1. The correct operation is to complete all wiring before powering on. At this time, the status indicator will light up green.
2. If the indicator does not light up, power off and then power on again. The status indicator should then light up green.

Cable : CN9 or CN11

Wire Application	Wire	Color	Description
POWER	1	Black	DC 0V
TTL Signals	2	Yellow	TX
	3	White	TE
	4	Orange	RX
POWER	5	Red	DC 5V
---	6	Blue	---

Proposal Overview

Architecture 1: E Series Reader Output to Voice Module

When purchasing E Series readers and a voice module, and connecting them via the CN9/CN11 serial port, the reader will output the default voice as the "alias" for the card user's location.

※To use the alias field for voice output, you need to purchase an E Series reader with an LCD screen, e.g., AR-327-E / 727-E / 837-E / 837-EF. The screenless E Series readers, such as AR-725-E/AR-331-E, do not have built-in alias functionality and require special modifications. For further assistance, please contact SOYAL's sales department.

System Architecture

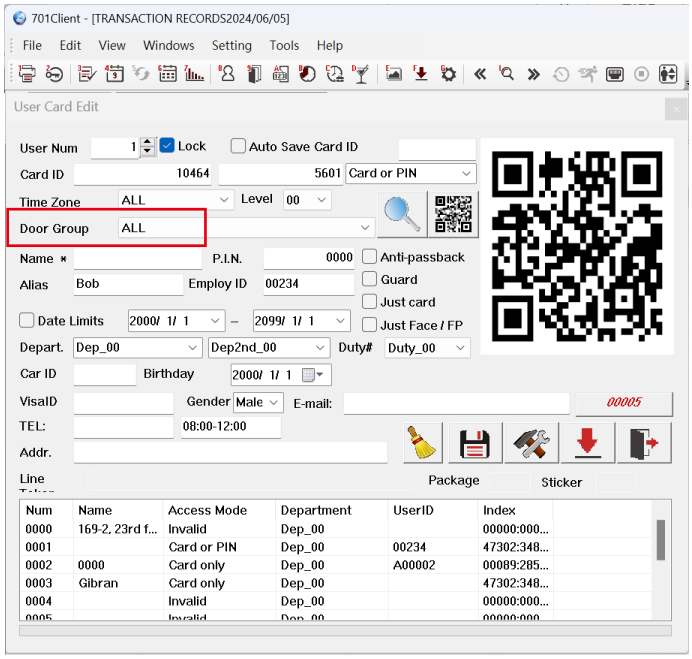
E Series Controllers(With alias function)

CN9/CN11
TTL Communication Port

Voice Module AR-721V

Software Interface

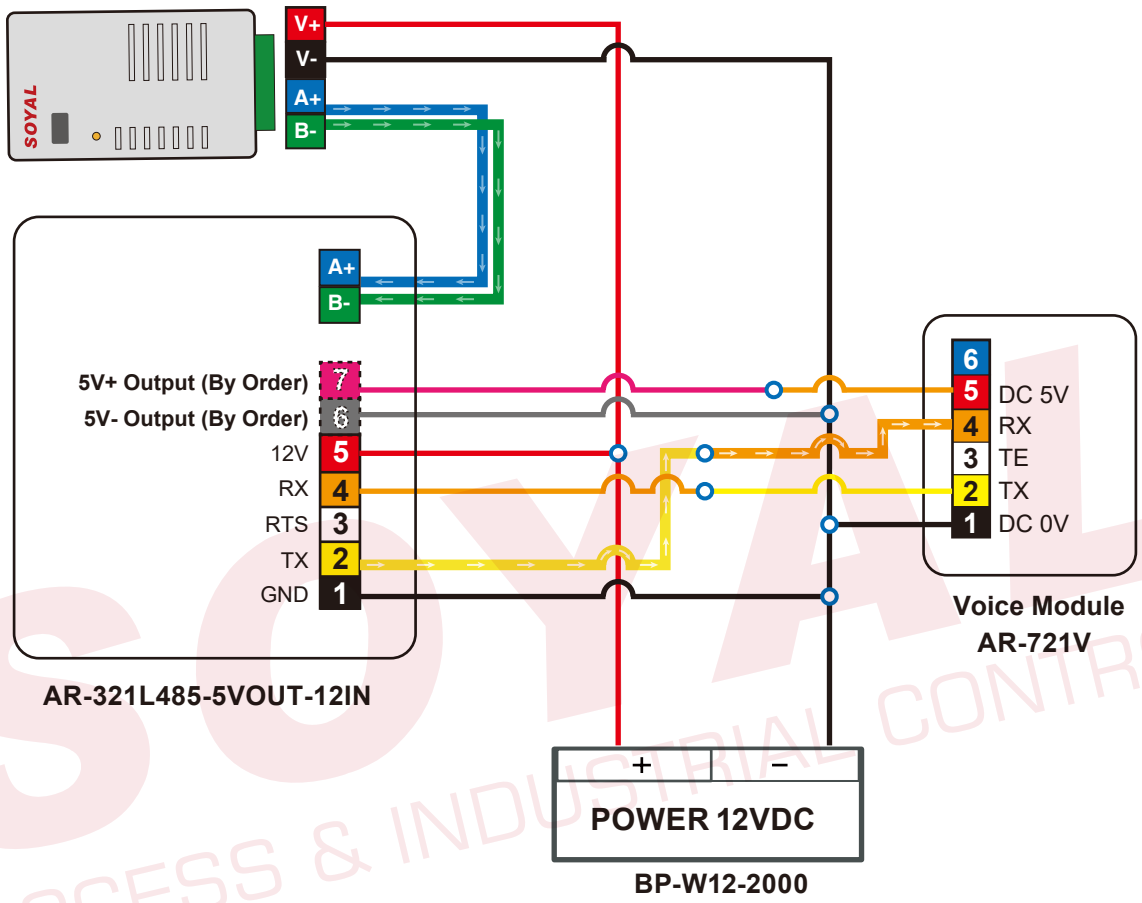
In the 701ClientSQL software, input the desired voice content into the alias field.

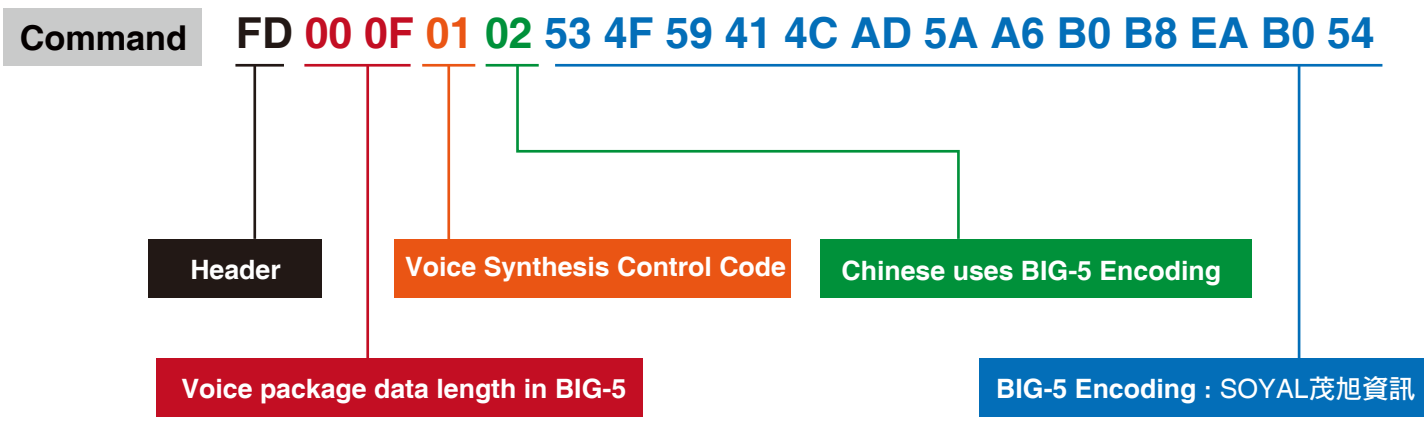


Architecture 2: Third-Party Integration, Sending Voice Commands Directly to the Voice Module via AR-727-CM

Description: In this setup, the standard firmware AR-727-CM can be used directly. The AR-727-CM features a transparent transmission function, allowing it to forward commands directly to RS485 devices. Since the AR-721V voice module uses a TTL communication interface, an additional AR-321L485-12V converter (TTL to RS485) is required.

Wiring Diagram



Voice Command Examples

Using AR-721V to Play " SOYAL茂旭資訊 "