Version Number：2.12.58.3

Applicable Model：A10/A10W/A12/A212/A233/A201

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1 Revise History

No.	Version	Release Time
1	2.12.44.3	2023.9.11
2	2.12.45.6	2024.4.29
3	2.12.47.1	2024.9.27
4	2.12.49.1	2025.1.2
5	2.12.50.1	2025.5.28
6	2.12.58.3	2025.9.16

2 Release 2.12.58.3

Models	Software Version	Comment
A10/A10W/A12/A212/A233/A201	2.12.58.3	

2.1 Optimizations

1. Optimize the hands-free MIC gain configuration: when the gain is set to 0, the device will mute the MIC.

2. Optimize the issue of echo and background noise during calls on A10.

3. Optimize the multicast prompt tone function to support custom prompt tones.

2.2 Bug Fix

1. Fix the issue that the MCAST-Xfer function in Action Plan incorrectly multicast the device's own audio (instead of the remote end's audio) to the target address.

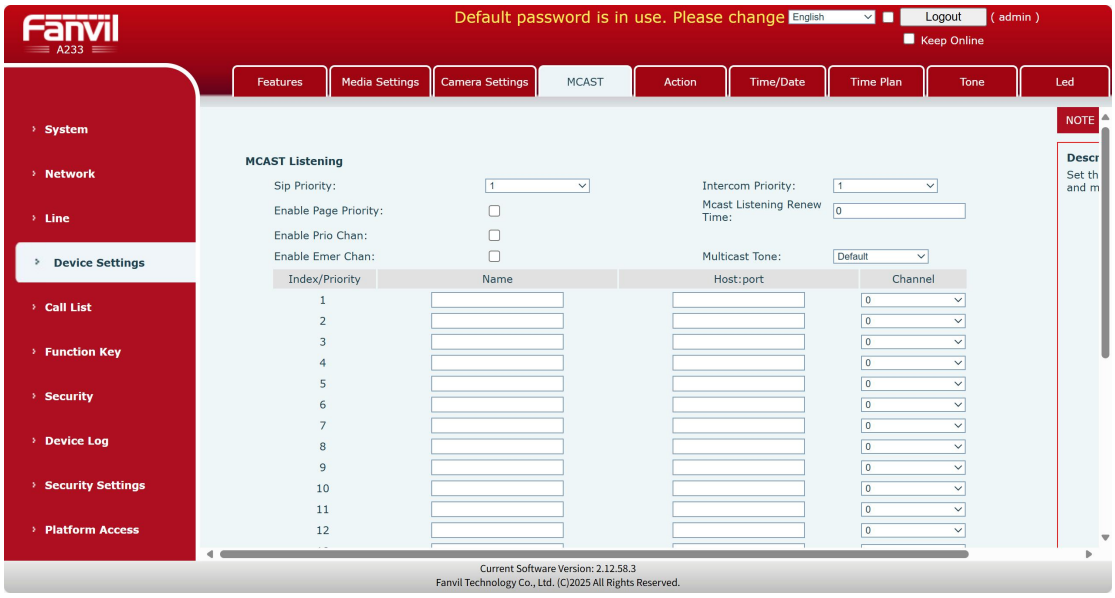
2.3 Optimizations Descriptions

1. Optimize the multicast prompt tone function to support custom prompt tones.

Function description: The multicast prompt tone now supports custom audio files. After configuration, the selected prompt tone will automatically play when the device receives a multicast broadcast.

Setting method: Go to Device Settings → MCAST, find the Multicast Tone option, and select the desired tone.

In addition to the built-in ringtones, you can also upload custom tones via System → Upgrade → Ring Upgrade



3 Release 2.12.50.1

Models	Software Version	Comment
A10/A10W/A12/A212/A233/A201	2.12.50.1	

3.1 New Features

1. Add the feature of enabling voice transmission via RTSP protocol and ONVIF protocol.

2. Add the feature that when triggering the output port via URI, it supports limiting the output duration through the time parameter.

3.2 Optimization

1. Optimize the OpenVPN feature to support entering username and password for user authentication.

2. Optimize and supplement the relevant NC configuration items for the noise alarm.

3.3 Bug Fix

1. Fix the issue that the device crashes when the function key is pressed to initiate a video call after binding a camera in specific environments.

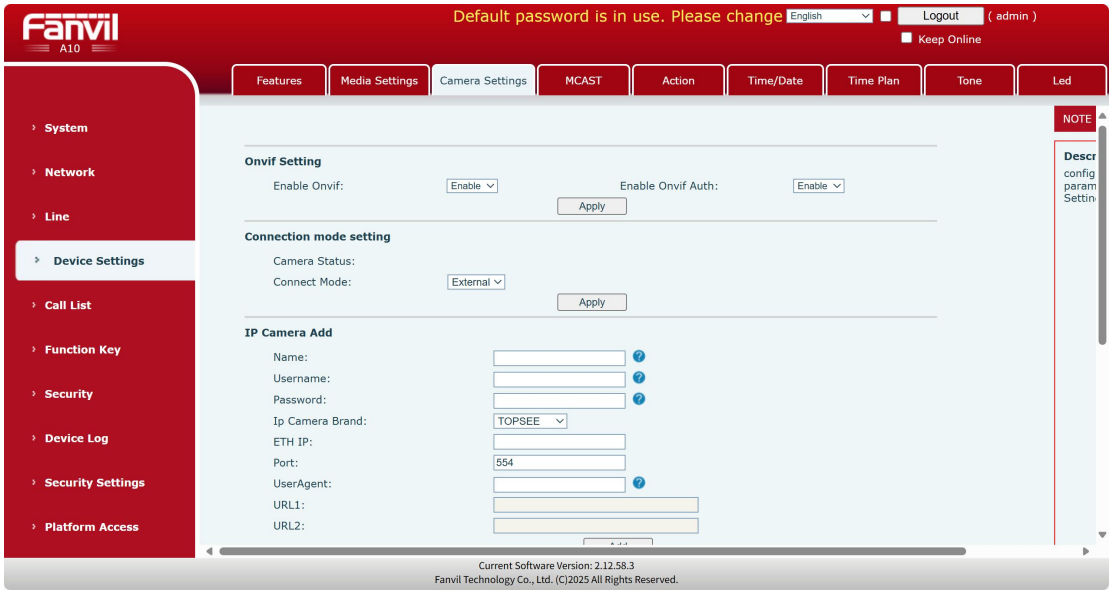
3.4 New Features Descriptions

1. Add the feature that enables voice transmission via RTSP protocol and ONVIF protocol to achieve synchronized audio and video

transmission.

Function description: Device supports voice monitoring via ONVIF protocol and RTSP audio-video streams.

Setting method: In Device Settings - Camera Settings, the ONVIF and RTSP configurations can be modified; ONVIF and RTSP are enabled by default.



2. Add the feature that when triggering the output port via URI, it supports limiting the output duration through the time parameter.

Function Description: When triggering the device's output port via URI, an additional time parameter can be carried to set the output duration (unit: milliseconds), enabling the output port to reset automatically at a scheduled time. If the time value is set to 0, the output port will maintain a continuous output state and not reset automatically.

Setting Method: Taking triggering Output Port 1 as an example, use a URL in the following format:

http://[Device IP]/cgi-bin/ConfigManApp.com?egs&output1=[Trigger Message]&time=[Specific Millisecond Value].

After executing this URL, Output Port 1 will implement scheduled output or continuous output (when time=0) according to the set time parameter.

3.5 Optimizations Descriptions

1. Optimize the OpenVPN feature to support entering username and password for user authentication.

Function Description: It supports entering a username and password to implement a dual authentication mechanism combining certificate authentication and user authentication.

Setting Method: In Network - VPN - OpenVPN Setting, check [Enable User Auth] and enter the username and password.

4 Release 2.12.49.1

Models	Software Version	Comment
A10/A10W/A10C/A12	2.12.49.1	
A212/A233/A201	2.12.49.6	

4.1 New Features

1. Supports onvif scanning and configuration.

2. Add the noise alarm function.

5 Release 2.12.47.1

Models	Software Version	Comment
A10/A10W/Y501/Y501-Y/Y501W/Y501W-Y	2.12.47.1	

5.1 New Features

1. Supports seamless alarm reporting function.
2. Built-in default WiFi information (A10W/Y501W/Y501W-Y).
3. Supports diagnostic and device information retrieval via FDMCS.

5.2 Optimization

1. Improved features for automatic deployment.
2. Enhanced functionality for wireless buttons.

6 Release 2.12.45.6

Models	Software Version	Comment
A10/A10W/Y501/Y501-Y /Y501W/Y501W-Y	2.12.45.6	

6.1 New Features

1. Supports HTTP API interface.

6.2 Optimization

1. Supports reporting button presses and button names via action URL.
2. Supports setting multicast volume.

6.3 Bug Fix

1. Fixed the issue where the ringback tone is abnormal when the device makes simultaneous calls.
2. Fixed the issue where the action URL reports incorrect status under certain circumstances.
3. Fixed issues related to the Y501 series wireless buttons.

7 Release 2.12.44.3

Models	Software Version	Comment
A10/A10W/Y501/Y501-Y/Y501W/Y501W-Y	2.12.44.3	

7.1 New Features

1. Supports calling multiple numbers at the same time

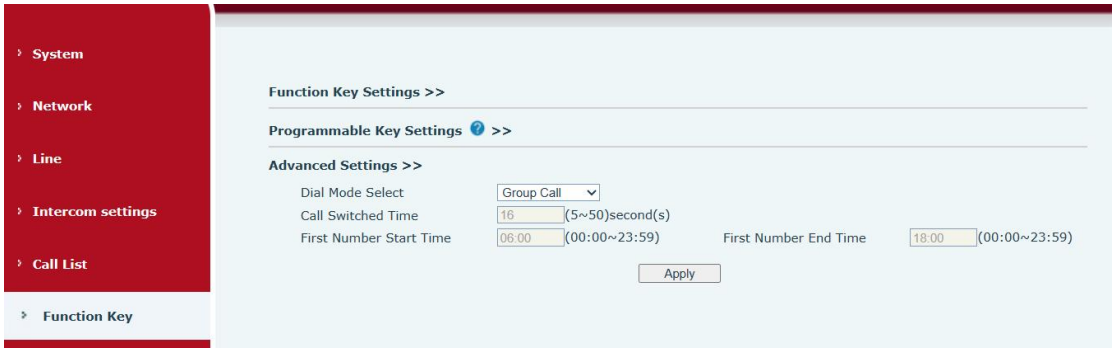
7.2 Optimization

1. Support with intercom broadcasting APP for timed broadcasting, real-time broadcasting and shouting, etc.

7.3 New Features Description

1. Supports calling multiple numbers at the same time

(1) Function Key>>Advanced Settings>>Dial Mode Select , select "Group Call".



(2) Set DSSKey1, type as "Memory Key", subtype as "Speed Dial", add multiple IP addresses or numbers, and click Submit.

(3) Press the Function Key, then it will call out all the numbers at the same time; when one number answers, it will hang up the other numbers automatically.

