

Partner: Yealink
Models: AVHub, UVC
Device Type: Camera



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Yealink AVHub IP Demo v1.0
CATEGORY:	Camera
VERSION:	1.0
SUMMARY:	This module controls an AVHub as well as associated UVC through their serial numbers.
GENERAL NOTES:	
CRESTRON HARDWARE REQUIRED:	4-Series processor
SETUP OF CRESTRON HARDWARE:	
VENDOR FIRMWARE:	Yealink AVHub 153.434.0.29 Yealink UVC 151.434.0.26
VENDOR SETUP:	

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PARAMETERS:

Command Processor ID	The Command Processor ID of this module will let UVC Component modules with the same ID be controlled through this AVHub.
IPAddress	The IPAddress of the AVHub to control.
Password	The password set for the AVHub. Default is 0000.

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CONTROL:

Connect	D	Establishes communication with the UVC. Starts the initialization of the module.
Disconnect	D	Stops communication with the UVC.
Debug	D	Set high to enable debug mode in the module. While enabled, verbose debug and error code output will be printed to the control processor console.
Mute On	D	Pulse to set mute to on. No feedback is available.
Mute Off	D	Pulse to set mute to off. No feedback is available.
Multi-Camera Tracking Closed	D	Pulse to set multi-camera tracking to closed.
Multi-Camera Tracking IntelliFocus	D	Pulse to set multi-camera tracking to intellifocus.
Multi-Camera Tracking Mic and Camera Linkage	D	Pulse to set multi-camera tracking to mic and camera linkage.
Multi-Camera Tracking Speaker Tracking	D	Pulse to set multi-camera tracking to speaker tracking.
All Camera Layout Position Set	D	Pulse to set the screen camera layout position for all cameras. This control will query each of the UVC Components for their layout position details.

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FEEDBACK:

Is Communicating	D	Indicates the module is has successfully started communicating with the AVHub.
Is Initialized	D	Indicates the module is has successfully verified state from the AVHub and associated UVCs.
Volume Level	A	Reports the volume of the AVHub.

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Known Issues:

Volume Level

There is a known issue where the API returns an error for the request for volume level. For now, this state is optional. If it is persistently at 0, you are likely experiencing this issue. You can confirm this is the case by enabling debug messages, and watch for the poll to happen in Toolbox debugger.

TESTING:

OPS USED FOR TESTING:	MC4 2.8005.00031.01
SIMPL WINDOWS USED FOR TESTING:	4.30
CRES DB USED FOR TESTING:	228.10
DEVICE DATABASE:	200.400
SYMBOL LIBRARY USED FOR TESTING:	1220
SAMPLE PROGRAM:	Yealink AVHub IP MC4 v1.0.smw
REVISION HISTORY:	v1.0 – Initial Release