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 on UVC camera through the AVHub Command Processor with the corresponding Command Processor ID.
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 the associated AVHub Command Processor.
Serial Number	The serial number of the UVC to control.

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CONTROL:

Move Up	D	Press to move the camera up. Release to stop the movement.
Move Down	D	Press to move the camera down. Release to stop the movement.
Move Left	D	Press to move the camera left. Release to stop the movement.
Move Right	D	Press to move the camera right. Release to stop the movement.
Zoom In	D	Press to zoom in. Release to stop the zoom.
Zoom Out	D	Press to zoom out. Release to stop the zoom.
Tracking Off	D	Pulse to turn auto tracking Off.
Tracking Auto Frame	D	Pulse to set auto tracking mode to Auto Frame.
Tracking Speaker	D	Pulse to set auto tracking mode to Speaker.
Tracking Presentation	D	Pulse to set auto tracking mode to Presentation.
Tracking MultiFocus	D	Pulse to set auto tracking mode to Multi Focus.
Preset Select	A	Integer value determines which preset will be affected by Preset Recall and Store. Range is 1d to 10d.
Preset Recall	D	Pulse to recall the preset.
Preset Save	D	Pulse to store the current position to the selected preset value.
Position X	A	Define the pan value of the camera to be set to. The reference range is -3360 to 3360. The range will depend on model.
Position Y	A	Define the tilt value of the camera to be set to. The reference range is -1890 to 1890. The range will depend on model.
Position Z	A	Define the zoom value of the camera to be set to. The reference range is -1890 to 1890. The range will depend on model.
Position Set	D	Pulse to set the camera position to the defined x, y, and z coordinates.
Layout Position From Left Pixel	A	Define the pixel position of the screen for the camera x-coordinate position to start at. This control will only take effect when the AVHub Command Processor pulses “All Camera Layout Position Set”.
Layout Position From Top Pixel	A	Define the pixel position of the screen for the camera y-coordinate position to start at. This control will only take effect when the AVHub Command Processor pulses “All Camera Layout Position Set”.

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Layout Position Width	A	Define the pixel width of the camera for display on the screen. This control will only take effect when the AVHub Command Processor pulses “All Camera Layout Position Set”.
Layout Position Height	A	Define the pixel height of the camera for display on the screen. This control will only take effect when the AVHub Command Processor pulses “All Camera Layout Position Set”.

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FEEDBACK:

Is Communicating	D	Indicates the module is has successfully started communicating with the camera.
Is Initialized	D	Indicates the module is has successfully verified state from the camera.
Position X Current	A	Reports the pan value the camera is set to. The reference range is -3360 to 3360. The range will depend on model.
Position Y Current	A	Reports the tilt value the camera is set to. The reference range is -1890 to 1890. The range will depend on model.
Position Z Current	A	Reports the zoom value the camera is set to. The reference range is -1890 to 1890. The range will depend on model.

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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

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