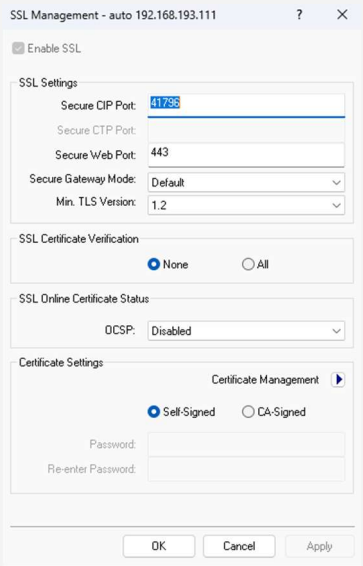
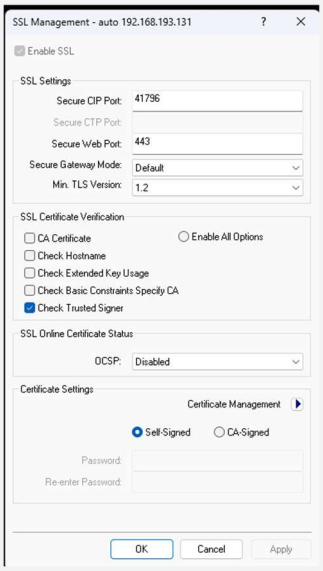
Partner: Yealink
Models: MCore Mini-PC
Device Type: Video Conferencing

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Yealink Room System MCore v1.1
CATEGORY:	Video Conferencing
VERSION:	1.1
SUMMARY:	This module controls IP communication with the Yealink MCore Mini-PC.
GENERAL NOTES:	This module acts as the primary communication interface to a Yealink MCore Mini-PC and the devices connected to it. If multiple MCores are required, one MCore module for each MCore can be added to the solution.
CRESTRON HARDWARE REQUIRED:	3-Series processor or 4-Series processor
SETUP OF CRESTRON HARDWARE:	As of date of release, SSL certificate verification must be disabled on the Crestron processor. 3-Series:  4-Series: 
VENDOR FIRMWARE:	Yealink RoomConnect 2.33.0.0
VENDOR SETUP:	Central Control must be enabled in the RoomConnect software running on the MCore. Login to the admin account of the MCore and open the Room Connect Software. Click the gear icon on the right of the top bar. Select General Settings on the Setting popup menu. Click on Central Control. On the Central Control screen, enable Central Control and HTTPS API. Enter an auth password. This is the password that will be used in the password parameter of this module. Click Save.

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PARAMETERS:

Command Processor Id	Integer value of the command processor instance for the AVHub and Camera modules to reference.
IPAddress	The IpAddress of the MCore.
Password	The password set in the Central Control section of the RoomConnect software. See vendor setup note above.

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CONTROL:

Connect	D	Establishes communication with the system. Starts the initialization of the module.
Disconnect	D	Stops communication with the system when the connection type parameter is set to IP.
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.

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FEEDBACK:

Is Communicating	D	Indicates the module is communicating with the MCore when the signal is high.
Is Initialized	D	Indicates the module has received state with all component modules when the signal is high.

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TESTING:

OPS USED FOR TESTING:	CP3 1.603.4242.34642 CP4 2.8003.00056
SIMPL WINDOWS USED FOR TESTING:	4.3
CRES DB USED FOR TESTING:	226.05
DEVICE DATABASE:	200.360
SYMBOL LIBRARY USED FOR TESTING:	1207
SAMPLE PROGRAM:	Yealink Room System Demo CP3 v1.1.smw
REVISION HISTORY:	v1.0 – Initial Release v1.1 – Resolve issue with authentication token refresh

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