

# CA400 All-in-one Wireless Conference Solution

---



**MS10**  
Screen-Sharing Speakerphone



**CM70**  
4K UHD camera

A wireless solution with LINKVIL's cutting-edge 4K camera, vocal enhanced speakers/mics and one-click screen-sharing

- Easy to deploy WIRELESS meeting room - No complicated system integration needed
- Plug-n-play- No software installation needed
- Instant meeting preparation- One USB-C enables speakerphone, wireless screen-sharing and camera

## ■ MS10+RC10/CA400 FEATURES ■

### HDMI and Wireless camera support

Support HDMI display and HD wireless camera UVC cameras supported, and perfect for CM70 4K UHD camera

### Universal stand

Clip-able stand with magnetic pad for easy mounting on the display

### 3W speaker

Brings crystal sound performance, good for small-to-med meeting rooms

### One-click Screen-sharing

4K/30fps Screen-sharing to big display and access the camera wirelessly without software installation, plug-n-play!

### 8-array omnidirectional mics

4-meter voice pickup range  
Proprietary algorithm brings the best voice with:  
AEC, Acoustic Echo Cancellation  
ANS, Adjustive Noise Suppression  
AGC, Automatic Gain Control

### Integrated cable management

Easy to manage the desk



## ■ CM70/CA400 FEATURES ■

### 4K UHD image

Ultra-wide-angle lens  
Effective-pixel reaches **8MP with 5X digital zoom**, brings you crystal image quality

### Auto-framing

Get all attendees in focus smoothly and automatically



### OSD Remote control

No software installation needed for configurations



### Universal stand

Clip-able stand with magnetic pad for easy mounting

## ■ SPECIFICATIONS ■

### MS10 Screen-share Speakerphone

- Max. Screen Share Resolution: 3840\*2160 @30fps
- Microphone
  - 8 MEMS microphones for 360° pickup
  - Pick-up Range: 4-meter
  - Signal to Noise Ratio (SNR): 64.5dB(A)
  - Sensitivity: -26dBFS@1kHz (0dB=1V/Pa)
  - Acoustic Overload Point: 119dB SPL <10%@1kHz
  - Frequency: 20Hz-10KHz
  - Full-duplex
  - Beamforming
  - Acoustic Echo Cancellation (AEC)
  - Adjustive Noise Suppression (ANS)
  - Automatic Gain control (AGC)
  - Reverberation Reduction
- Speakerphone
  - Speaker/Rated power: 4Ω/3W
  - Speaker Size: 50mm
  - Sensitivity: 1KHz 85 dB ± 3dB @1m
  - Signal to Noise Ratio (SNR): 50dB
  - Frequency Range: 200Hz- 10KHz MAX 5%
  - Max. Sound Pressure Level: 85dB SPL@1m @3W
  - Background Noise: <30dB
  - Total harmonic Distortion: 200Hz-10KHz MAX 5%

### RC10 Receiver Hub

- Camera Streaming
  - Max. Output Resolution: 1920x1080 @30fps
  - Support Camera Type: UVC camera
  - Format Supported: H.264
- Physical Character: magnetic attraction

### CM70 UHD Camera

- USB Camera
  - Sensor Type: IMX 415 (1/2.8") 3840\*2160
  - Output: MJPEG/ H264/ H265 /YUV / NV12 30P (YUV and NV12 don 't support 4K and 2K) 3840\*2160/2560\*1440/1920\*1080/1280\*720/1024\*576/960\*540/800\*448/640\*360/320\*180/960\*720/800\*600/640\*480/480\*270/352\*288/320\*240
  - FOV: DFOV 118.5° /HFOV 109.9° /VFOV 74.6°
  - Auto-Framing: Auto
  - F/No: F2.5
  - Zooming: 5x digital zoom
  - Maximum Resolution: USB3.0: 3840\*2160 30fps/ USB2.0: 1920\*1080 30fps
  - Security Protection: manual privacy cover
- USB Microphone
  - Type: 2 electret microphones
  - Pick-up Range: 4-meter
  - Signal to Noise Ratio: 94dB SPL@ 1KHz 65dB(A)
  - Sensitivity: 94dB SPL@ 1KHz - 30±2dB FS
  - Full-duplex
  - Adjustive Noise Suppression (ANS)
  - Automatic Gain Control (AGC)
- Physical Character: magnetic attraction

### Connectivity

- Protocol: 802.11 a/n/ac
- Wireless Transmission Protocol: Quick UDP
- Transmission Distance: up to 10-meter
- Frequency bands & max. transmitted power:
  - Wi-Fi 5GHz, Max 20dBm (Support for selecting corresponding 5G channels based on the country.)

### I/O Interface

- USB Camera: Type C x1
- Speakerphone: Type C PD + DP ALT
- Receiver Hub: HDMI x1, Type C PD, USB A 3.0 x1

















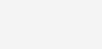






























### Physical Specifications

- Dimensions
  - USB Camera: 80\*75\*53mm/3.15\*2.95\*2.09"
  - Speakerphone: 180\*81\*32mm/7.09\*3.19\*1.26"
  - Receiver Hub: 102\*45\*20mm/4.02\*1.77\*0.79"
  - Gift Box Dimension: 233\*188\*110mm
  - Outer CTN Dimension: 498\*408\*258mm (8PCS)
- Weight
  - USB Camera: 210g/7.4oz
  - Speakerphone: 385g/13.58oz
  - Receiver Hub: 70g/247oz
  - Carton Net Weight: 12.56 kg
  - Carton Gross Weight: 13.78 kg
- Temperature and humidity
  - Working temperature: 0°C-40°C
  - Working humidity: 10%–90%RH

### Package Contents

- USB Camera: CM70
- Speakerphone: MS10
- Receiver Hub: RC10
- Remote Control
- 20cm USB-C to HDMI & USB-A/C Adapter: H2C, 1.5m HDMI Cable, 40cm USB Extension Cable, 1.8m Type C-A USB Cable
- Power Adapter: 5V/2A
- Quick Installation Guide

■ Computer USB Type-C specification ■

USB Type-C Connector		Data transfer	Display	Power
<b>USB 2.0</b> 480 Mbps	  Normal			
	  PD enabled			
<b>USB 3.1 Gen1</b> 5 Gbps	  Normal			
	  PD enabled			
<b>USB 3.1 Gen2</b> 10 Gbps	  Normal			
	  PD enabled			
<b>Display Port</b> 5-10 Gbps	   Normal			
	   PD enabled			
<b>Thunderbolt</b> 20-40 Gbps PD enabled Display Port	 			

## About FANVIL

FANVIL Technology Co., Ltd. (FANVIL) is a leading global provider of A&V-IoT (Audio& Video- IoT) devices with three R&D centers in Beijing, Shenzhen, and Suzhou, China, and three factories in Huizhou and Shangrao, China, and Vietnam. FANVIL has focused on Unified Communication technology innovation for more than 20 years and provides SIP phones and SIP security industrial products in the global market. As the pioneer in applying standardized network communication technology and Audio & Video technologies to build A&V IoT, we are boosting the digital transformation for multiple industries.

## About LINKVIL

As the sub-brand of FANVIL, LINKVIL will focus on the research and development of A&V-IoT wireless communication products. Based on Audio & Video -IoT, LINKVIL helps to achieve the full connection of wireless communication systems. LINKVIL builds a wireless communication Eco-system for multi-scenarios to help accelerate digital transformation.

## Copyright

Copyright © 2024 FANVIL Technology Co., Ltd.

All rights reserved. No parts of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, photocopying, recording, or otherwise, for any purpose, without the express written permission of FANVIL Technology Co., Ltd.

## More Information

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products. For more information, please visit: [www.fanvil.com](http://www.fanvil.com)

## Compliance



FANVIL Technology Co., Ltd.  
Web: [www.fanvil.com](http://www.fanvil.com)  
Add: 10/F Block A, Dualshine Global Science Innovation Center,  
Honglang North 2nd Road, Bao'an District, Shenzhen, China  
Copyright © 2024 Fanvil Technology Co., Ltd.