

LINKVIL All-in-one Wireless Conference Solution **CA400**

It is a wireless video conferencing solution designed for small and medium meeting rooms. It mainly consists of a wireless screen-sharing speakerphone MS10, a receiver hub RC10 and a 4K UHD camera CM70, designed to simplify your meetings. With full BYOD support, it allows you to effortlessly connect your laptop to the speakerphone using a single cable. Enjoy 4K wireless screen-sharing, access to conference camera streaming in 1080p, and the convenience of plug-and-play functionality without the need for software or drivers. It streamlines your conferencing experience, eliminates cable clutter, and ensures secure and efficient collaboration.



4K Wireless
Screen-sharing



Plug & Play



Vocal
Enhancement



4K Camera



118.5° FOV



Auto-Framing

HIGHLIGHTS

- Easy to deploy - No system integration needed to setup a wireless meeting room
- Instant meeting preparation - One USB-C enables speakerphone, wireless screen-sharing and camera
- Plug-n-play - 4K/30fps Screen-sharing to big display and access the camera wirelessly without software installation
- The 3W speaker delivers crystal-clear audio, ideal for small to medium-sized meeting rooms.
- 8-microphone omnidirectional array with 4-meter pickup range; supports ENC, AEC, ANS, and AGC for optimized voice clarity
- 4K Ultra HD video with ultra-wide-angle lens, true 8MP resolution, and 5x digital zoom—delivering stunningly crisp, detailed visuals
- Auto-framing: Smoothly and automatically keeps all attendees in focus

SPECIFICATIONS

MS10 Screen-sharing Speakerphone

- Max. Screen Share Resolution: 3480*2160@30FPS
- **Microphone**
 - Type: 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%
- Audio Codec: SBC
- Power Adapter: 12V/1.5A
- Power Consumption: Max. 18W

RC10 Receiver Hub

- Camera Streaming
 - Max. Output Resolution: 1920x1080 @30fps
 - Support Camera Type: UVC camera
 - Format Supported: H.264, MJPEG
- Physical Character: magnetic attraction
- Multi-device sharing: 1 MS10 and up to 3 CP20 screen-sharing pods (Optional)

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: 12.65 kg
 - Carton Gross Weight: 13.87 kg
- Temperature and humidity
 - Working temperature: 0°C to +40°C
 - Working humidity: 10% to 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, 1m Type C-A USB Cable
- Power Adapter: 5V/2A
- Quick Installation Guide

Compliance



Computer USB Type-C Specification

USB Type-C Connector		Data Transfer	Display	Power
USB 2.0 480 Mbps	  Normal	✓	✗	✗
	  PD enabled	✓	✗	✓
USB 3.1 Gen1 5 Gbps	  Normal	✓	✗	✗
	  PD enabled	✓	✗	✓
USB 3.1 Gen2 10 Gbps	  Normal	✓	✗	✗
	  PD enabled	✓	✗	✓
Display Port 5-10 Gbps	   Normal	✓	✓	✗
	  PD enabled	✓	✓	✓
Thunderbolt 20-40 Gbps PD enabled Display Port	 	✓	✓	✓

About LINKVIL

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

Copyright

Copyright © 2025 Fanvil Link 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 Link 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



Fanvil Link Technology Co., Ltd.

Web: www.fanvil.com

Add: 13th Floor, Building 2, Runzhi R&D Center, Xin'an Street, Bao'an District,
Shenzhen, China

Copyright © 2025 Fanvil Link Technology Co., Ltd.