

CA400

LINKVIL All-in-one Wireless Conference Solution

Datasheet

LINKVIL CA400 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.



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 adjusts the framing to keep meeting participants in view

Specifications

MS10 Screen-sharing Speakerphone		
Microphone	Type	8 MEMS microphones for 360° pickup
	Pick-up Range	4 m
	Signal to Noise Ratio (SNR)	64.5 dB(A)
	Sensitivity	-26 dBFS @1 kHz
	Acoustic Overload Point	119 dB SPL <10% @1 kHz
	Frequency Response	20 Hz – 10 kHz
	Audio Features	Full-duplex, Beamforming, AEC, ANS, AGC, Reverberation Suppression
Speaker	Power	4 Ω/3 W
	Size	50 mm
	Sensitivity	1 kHz 85 dB ±3 dB @1 m
	SNR	50 dB
	Frequency Range	200 Hz - 10 kHz
	Max SPL	85 dB SPL @1 m @3 W
	Background Noise	<30 dB
	THD	≤5% (200 Hz – 10 kHz)
	Audio Codec	SBC
Interface	Connection	Integrated 0.65 m USB-C cable
Buttons	Screen-Sharing Button	Press: Start or stop screen sharing
	Volume +/- Buttons	Press: Increase or decrease the volume
	Mute Button	Press: Mute or unmute
Status Indicator	Screen-Sharing Button	Flashing Green: Connecting Solid Green: Connected and ready Solid Yellow: No DisplayPort signal detected Solid Red: Connection failure
	Mute Button	Solid Green: Unmute Solid Red: Mute
RC10 Receiver Hub		
Interfaces	HDMI Port	HDMI ×1, connects the RC10 to a display
	Power Port	USB-C PD ×1, 5 V/2 A
	USB-A Port	USB-A 2.0 ×1, 5 V/0.9 A For a UVC camera, microphone, speakerphone, or reverse control
Button	Settings Button	Press: Switch the RC10 on-screen interface language (12 languages) Press and hold for 5 s: Clear pairing information and reset the RC10
Status Indicator	Solid White	Standby; no screen-sharing device connected
	Flashing Green	Connecting
	Solid Green	Connected and ready to share or sharing
Mounting	Magnetic Attachment	Supported
	Universal Stand	Supported
CM70 4K UHD Camera		

Camera	Sensor Type	IMX415 (1/2.8") 3840 × 2160
	Output Format	MJPEG/ H.264/ H.265/ YUV/ NV12 30P (YUV and NV12 do not support 4K and 2K resolutions)
	Resolution Options	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
	Maximum Resolution	USB 3.0: 3840×2160 30fps USB 2.0: 1920×1080 30fps
	Maximum Output Resolution for Streaming Media	1920 x 1080 @30FPS
	Camera Support Type	UVC
	Format Support	H.264
	FOV	DFOV 118.5° / HFOV 109.9° / VFOV 74.6°
	F/No	F2.5
	Zooming	5 × digital zoom
	Auto-Framing	Supported
	Security Protection	Manual privacy cover (magnetic attraction)
Interface	USB-C Port	USB-C ×1
	Supported Systems	Win 7, Win 10, macOS 10.8 and later
Mounting	Mounting	Clip mount + Tripod screw hole + Swivel & Tilt (±14°)
CA400 All-in-one Wireless Conference Solution		
Function	Screen-Sharing Resolution	Up to 4K UHD at 30 fps
	Screen-Sharing Modes	Mirror and extended desktop modes
	Camera	Supported
	Microphone	Supported
	Speaker	Supported
	Synchronized Volume Control for BYOD Devices	Supported
	Software or Driver Installation	Not required
	Reverse Control	Supported via a USB-A-to-USB-B cable (not included)
Display Output	Connection	HDMI via the RC10 receiver hub
	Display Compatibility	No brand-specific requirement; HDMI input required
Additional Connection	Additional CP20 Number	3 (3 additional pods sold separately)
	Simultaneously Displayed Sources	1 (press the screen-sharing button to switch)
Wireless Connectivity	Wi-Fi	Wi-Fi 5 / Wi-Fi 6
	Frequency Band	5 GHz
	Wireless Transmission Distance	Up to 10 m
	Maximum Transmit Power (EU)	20 dBm
	Channel Availability	Varies by country or region
Security	Data Encryption	WPA3-PSK

Physical Specifications	MS10 Speakerphone Dimensions	180 x 81 x 32 mm
	RC10 Receiver Hub Dimensions	102 × 45 × 20 mm
	CM70 Camera Dimensions	80 × 75 × 53 mm
	Gift-box Dimensions	233 x 188 x 110 mm
	Carton Dimensions	498 x 408 x 258 mm (8 PCS)
	MS10 Speakerphone Weight	385 g
	RC10 Receiver Hub Weight	85 g
	CM70 Camera Weight	210 g
	Carton Net Weight	12.65 kg
	Carton Gross Weight	13.87 kg
	Operating Temperature	-10 °C to +40 °C
	Operating Humidity	0% to 95% RH
Package Contents		MS10 Screen-sharing Speakerphone ×1 RC10 Receiver Hub ×1 CM70 4K UHD Camera ×1 H2C Adapter (USB-C to HDMI & USB-A/C) ×1 1.5 m HDMI Cable ×1 1 m USB-A to USB-C Extension Cable ×1 0.5 m USB-A Extension Cable ×1 Remote Control ×1 Power Adapter (5 V/2 A) ×1 Quick Installation Guide ×1
Compliance		CE FC RoHS

Computer USB-C Port

USB-C Connectivity		Data Transmission	Display	Power Supply
USB 2.0 480 Mbps	General	✓	✗	✗
	PD enabled	✓	✗	✓
USB 3.1 Gen 1 5 Gbps	General	✓	✗	✗
	PD enabled	✓	✗	✓
USB 3.1 Gen 2 10 Gbps	General	✓	✗	✗
	PD enabled	✓	✗	✓
DisplayPort 5-10 Gbps	General	✓	✓	✗
	PD enabled	✓	✓	✓
Thunderbolt 20-40 Gbps PD-enabled DisplayPort		✓	✓	✓

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.

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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
Tel: +86-755-2640-2199
E-mail: sales@fanvil.com
Add: 13th Floor, Building 2, Runzhi R&D Center, Xin'an Street, Bao'an District, Shenzhen, China