



RIPA C40 INTELLIGENT MEETING BAR

Version Ver 2.0

Data Sheet

RipaTech Pty Ltd

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PRODUCT SUMMARY

The C40 is a high-performance, Android-powered all-in-one video conferencing system featuring triple-lens design with Sony sensors, advanced 6-MIC array with noise cancellation technology, dual HDMI I/O, and advanced ARM processor. Designed for modern meeting spaces, it delivers professional-grade audio/video capture, multi-stream output, and flexible connectivity in a sleek metal chassis.

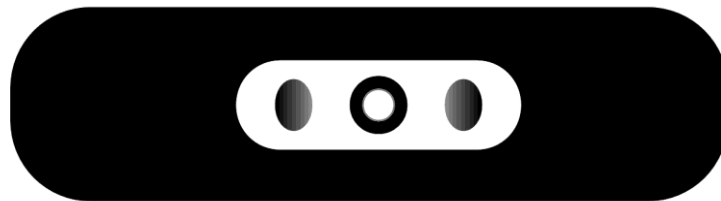


Figure 1: C40 Intelligent Meeting Orchestrator

FEATURE HIGHLIGHTS

C40 offers a mature list of SIP/H.323 CODEC features:

- **SIP and H.323 protocols:** supports both SIP and H.323 protocols.
- **Audio Processing:** support Automatic Echo Cancellation (AEC), Automatic Gain Control (AGC), Automatic Noise Suppression (ANS)
- **Multiple Video Compression Standard:** It supports H.263/H.264 video compression.
- **Chromas key:** support to display an image as your background during a meeting, which can provide you with more privacy or a consistent. This feature must be purchased separately on initial order.
- **Subtle Gesture Control:** It supports Subtle Gesture Control – Mute/Hide
- **Camera Options:** It can be used with has all Ripa 4K, 1080p and table 360 cameras.



TECHNICAL SPECIFICATIONS

Technical Specifications		
Package includes: + RIPA C40 Integrated Video Bar Codec + Remote control + Cable bundle		
Module	Function	Description
System Interface	Support system interface customization	
Resolution	Video Resolution Encode	Up to 4K; Content Frame Rate: Up to 30fps
	Content Video Resolution	Up to 4K; Content Frame Rate: Up to 30fps
Feature Highlights	<ul style="list-style-type: none"> • Allow HDMI input for content sharing or as camera input, including video and audio. • Displays the near-end camera in full-screen mode during the meetings. • Allows automatic or manual start content sharing. • Supports camera presets via remote control and web-based management. • Power on/off button available on the device chassis. • Power on/off control via remote control. • Allows changing the meeting room background. • Supports IP camera connectivity (Video over IP). 	
Audio	Audio Processing	Auto Echo Cancellation (AEC) Auto Gain Control (AGC) Auto Noise Suppression (ANS)
	Audio Codec	G.711(a/μ), G.719, G.722, G.722.1, G.722.1C, AAC, OPUS. Frequency range: 7kHz-to 48 kHz
Codec	Format	H.261, H.263, H.263+, H.264, H.264 High Profile, H.239, BFCP (Content Sharing)
Controller	Remote Control	Infrared Remote Control
	Web UI	Manage via Web Interface
Network	IPv4 & IPv6, Bandwidth: up to 4Mbps. Lost Packet Recovery	
Security	Algorithms: AES (128 – 256 bit) for Media SIP and H.323, Authenticated access, TLS	
Interface	Camera Input	2x USB upto 4K 1x HDMI 4K Video over IP
	Video Output	2x HDMI 4K
	Audio Input	1x 3.5mm Mic/Line in 1x Mini XLR Mic in 1x Mini XLR Line in
	Audio Output	HDMI 1 x 3.5mm stereo line-out 1x USB



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	Image Interface	2x HDMI OUT 4K
	Content Interface	1x HDMI IN 4K
	USB	2x USB (for Camera or Audio System) 1x Micro USB
	Network Port	Support IPV4 & IPV6, 1x 10/100 Ethernet, Bandwidth (H323/SIP) up to 4 Mbps
	Power Interface	HEC3800 Power Socket (DC12V)
	Wall Mount Bracket	Wall/Ceiling Mount Brackets (Optional)
Camera		
Parameters		
1 x Main Camera	Sensor	8.28MP, 16: 9
	Lens	115 (D) /106°(H)/72°(V)
	F NO.	F2.0
	White Balance	Auto / Manual
	SNR	50dB
	Digital Zoom	5X
	Video Format	MJPG: 3840*2160@30 /2560*1440@30 /1920*1080@30 /1280*720@30 /1024*576@30 /960*540@30 /800*600@30 /720*576@30 /720*480@30 /640*480@30 /640*360@30 /480*270@30 /320*240@30 H264: 3840*2160@30 /2560*1440@30 /1920*1080@30 /1280*720@30 /1024*576@30 /960*540@30 /800*600@30 /720*576@30 /720*480@30 /640*480@30 /640*360@30 /480*270@30 /320*240@30 YUY2: 1920*1080@30/1280*720@30 /1024*576@30 /800*600@30 /640*480@30 /640*360@30 /480*270@30 /320*180@30 NV12: 1920*1080@30 /1280*720@30 /1024*576@30 /800*448@30 /640*480@30 /640*360@30 /480*270@30
2 x Side Camera	Sensor	8.28MP, 16: 9
	Lens	88° (D) /80°(H)/47°(V)
	F NO.	F2.2
	White Balance	Auto / Manual
	SNR	50dB



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	Video Format	<p>MJPG: 3840*2160@30 /2560*1440@30 /1920*1080@30 /1280*720@30 /1024*576@30 /960*540@30 /800*600@30 /720*576@30 /720*480@30 /640*480@30 /640*360@30 /480*270@30 /320*240@30</p> <p>H264: 3840*2160@30 /2560*1440@30 /1920*1080@30 /1280*720@30 /1024*576@30 /960*540@30 /800*600@30 /720*576@30 /720*480@30 /640*480@30 /640*360@30 /480*270@30 /320*240@30</p> <p>YUY2: 1920*1080@30/1280*720@30 /1024*576@30 /800*600@30 /640*480@30 /640*360@30 /480*270@30 /320*180@30</p> <p>NV12: 1920*1080@30 /1280*720@30 /1024*576@30 /800*448@30 /640*480@30 /640*360@30 /480*270@30</p> <p>Capture close-up shots of the subjects; cropping will be performed in post production</p>
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Video Format	<ul style="list-style-type: none"> - HDMI: 4KP30, 1080P60/50/30/25/59.94/29.97, 1080I60/50/59.94, 720P60/50/59.94/ - U3: 1)U3: 4KP30, 1920X1080P60/50/30/25, 1280X720P60/50/30/25, 960X540P30, 640X360P30, 640X480P30, 352X288P30, 800*600P30 2)U3 compatible with U2: 960X540P30, 640X360P30, 1280X720P10/15, 720X576P50, 720X480P60, 640X480P30, 352X288P30, 800*600P30. - U2: 320x240 / 352x288 / 640x480 / 704x576 / 720x480 / 720x576 / 640x360 / 800x448 / 800x600 / 960x540 / 1024x576 / 1024x768 / 1280x720 / 1920x1080P30/25/20/15/10/5
Digital Zoom	5X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
White Balance	Auto / Manual / 3000K / 3500K / 4000K / 4500K / 5000K / 5500K / 6000K / 6500K / 7000K
Focus	Auto
Iris	Auto
Electronic Shutter	Auto
BLC (Backlight Compensation)	On / Off
Dynamic Range	Off / Dynamic level adjustment
Video Adjustment	Brightness, Contrast, Sharpness, Horizontal Flip, Vertical Flip, Black and White Mode, Gamma Curve, Electronic Zoom, DCI, Ultra Low Light Mode
SNR	>55dB



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Power & Environmental

Parameter	Specification
Power Input	DC 12V / 2A
AC Adapter Input	AC 110V–220V to DC 12V / 2A
Operating Temperature	-10°C to +50°C
Storage Temperature	-10°C to +60°C
Humidity (Operating/Storage)	20% to 95% (Non-condensing)

Physical & Mechanical

Parameter	Specification
Mounting Type	Desktop / Tabletop
Housing Material	Metal Casing
Dimensions (L × H × W)	499.98 × 59.98 × 86.00 mm (Body only, stand excluded)



Ripa C40 Intelligent Meeting Bar

PRODUCT IMAGE LIBRARY



Figure 2: C40 Front

ORDERING GUIDE

RipaTech product code: RP-C40- 00680