



**RIPA C20 INTELLIGENT MEETING ORCHESTRATOR**

Version:5.0

August, 2025

Data Sheet

RipaTech Pty Ltd

CONTENTS	
Product Summary .....	2
Feature Highlights .....	2
Technical Specifications .....	3
Product Demension .....	4
Product Image library .....	4
Ordering Guide .....	4

## PRODUCT SUMMARY

Ripa C20 Intelligent Meeting Orchestrator is an industry standard video and audio CODEC. It is designed to process high quality 4K video and high-quality audio. The intelligent firmware and high spec CPU make this CODEC one the most cost effective in the industry with future proven technologies.

C20 is ideally used in the meeting room where dual display panels and single camera are installed to communicate with remote meeting participants.



Figure 1 C20 Intelligent Meeting Orchestrator

## FEATURE HIGHLIGHTS

C20 offers a mature list of SIP/H.323 CODEC features:

- **SIP and H.323 protocol stacks:** supports both SIP and H.323 protocols.
- **Audio Processing:** support Automatic echo elimination (AEC), Automatic gain control (AGC), Automatic noise suppression (ANS)
- **Multiple Video Compression Standard:** It supports for 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.
- **Superb High-Definition Image:** It employs 1/2.8-inch high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate at 30 fps.
- **Subtle Gesture Control:** It supports Subtle Gesture Control – Mute/Hide
- **Optical Zoom Lens:** It has 12X/20X optical zoom lens for options.

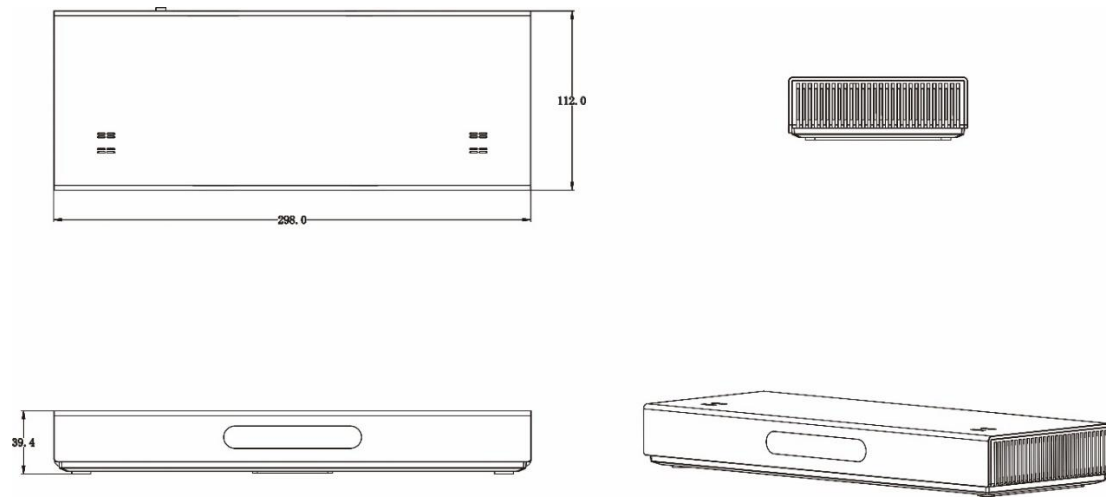
## TECHNICAL SPECIFICATIONS

C20 Technical Specification		
Module	Function	Description
System	SOC	RK3588
	RAM/ROM	8G/32G
System Interface	Support system interface customization	
Audio	Mics	Built in 2x Electret Microphone
	Audio Processing	Auto Echo Cancellation (AEC) Auto Gain (AGC) Auto Noise Suppression (ANS)
	Audio Codec	G.711(a/μ), G.719, G.722, G.722.1, G.722.1, AAC, OPUS. Frequency range: 7kHz-to 48 kHz
Controller	Remote Control	Infrared Remote Control
	WebUI	Manage via Web Interface
Codec	Format	H.261, H.263, H.263+, H.264, H.264HP, H.239, BFCP (content sharing)
Network	IPv4, IPv6 : up to 4Mbps. Lost Packet Recovery	
Security	Algorithms: AES (128 – 256 bit) for Media SIP and H.323, Authenticated access, TLS	
Interface	Image Interface	2x HDMI OUT, HDMI 2.0, Support dual-screen display
	Content Interface	1x HDMI IN, HDMI 2.0
	USB	2x USB 3.0/2.0 1x Micro USB debugging port
	Audio Jack	1x 3.5mm linear output 1x LINE IN Input, 3-pin Phoenix terminal 1x MIC IN Input, 3-pin Phoenix terminal (with phantom power)
	Network Port	1x 10/100M RJ45
	Power Interface	HEC3800 Power Socket (DC12V)
	Wall Mount Bracket	Wall/Ceiling Mount Brackets (Optional)



## Ripa C20 Intelligent Meeting Orchestrator

### PRODUCT DEMENSION



### PRODUCT IMAGE LIBRARY



Figure 2 C20 Front



Figure 3 C20 Back

### ORDERING GUIDE

RipaTech product Model: RIPPA C20