RIPA C30 INTELLIGENT MEETING ORCHESTRATOR

Version:Version:1.1

Data Sheet

RipaTech Pty Ltd

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PRODUCT SUMMARY

Ripa C30 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 the most cost effective in the industry.

C30 is ideally used in the meeting room where a single display panel and single camera is present for huddle and medium room to communicate with remote meeting participants.

Figure 1 C30 Intelligent Meeting Orchestrator

FEATURE HIGHLIGHTS

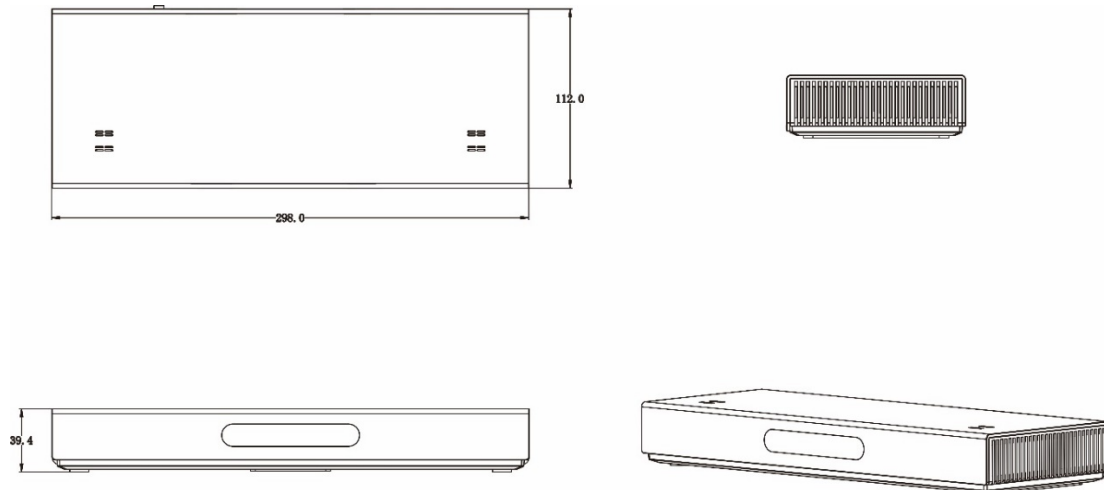C30 offers a mature list of SIP/H.323 CODEC features:

- **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.

TECHNICAL SPECIFICATIONS

Technical Specification		
Module	**Function**	**Description**
System	SOC	RK3588
	RAM/ROM	8G/32G

System Interface	Support system interface customization	
Resolution	Up to 1080/30 fps (People and Content)	
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
Codec	Format	H.261, H.263, H.263+, H.264, H.264HP
Controller	Remote Control	Infrared Remote Control
Network	IPv4, IPv6	
Interface	Image Interface	1x HDMI OUT, HDMI 2.0, Support single-screen display
	Content Interface	1x HDMI IN, HDMI 2.0
	USB	2x USB 3.0 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)

PRODUCT DEMENSION

PRODUCT IMAGE LIBRARY

Figure 2 C30 Front

Figure 3 C30 Back

ORDERING GUIDE

RipaTech product code: RP-C30- 00680