

Product Data Sheet

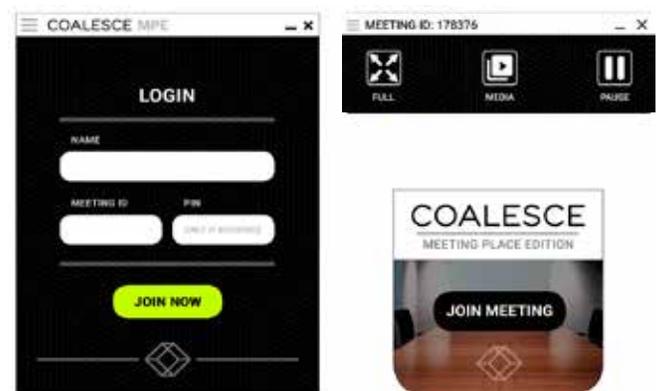
Coalesce MPE



FEATURES

- ◆ Create a wireless presentation and collaboration environment in any room using laptops, tablets, and smartphones.
- ◆ Share your display with devices using Windows, Apple iOS, Android, or the Google Chrome browser extension.
- ◆ Compact form factor is easy to deploy behind flat panels and above projectors.
- ◆ Compatible with virtually any displays near you via HDMI connection for video and audio, or 3.5 mm analog audio.
- ◆ Stream multiple media sources at a time.
- ◆ Leverage existing network infrastructure (via wired and/or wireless connections) or deploy as standalone WAP.
- ◆ Protect sensitive information via optional encryption for network traffic between Coalesce and user devices.
- ◆ Rearrange and reorder how your video sources are displayed using your built in touch screen or by connecting a mouse.
- ◆ Control your Windows PC directly from your touch screen display using remote reachthrough.
- ◆ Quick and easy connection.

COALESCE LOGIN INTERFACE



COALESCE MAIN INTERFACE



Coalesce MPE Data Sheet

COALESCE MPE HARDWARE SPECIFICATIONS

Hardware	
Type	Android® Based SBC
Dimensions	3 x 12 x 12 cm
Weight	0.18 kg
Mounting Options	Console tabletop
Connectors	(1) HDMI, (1) Optical Audio, (1) RJ-45 Ethernet (10/100/1000), (1) USB 2.0, (1) USB 3.0, (1) USB-C, (1) Micro SD (1) 5-VDC power connector
Power	
Input	5 VDC, 3 A
System	
Processor	Rockchip® RK399-6 Cores 64-bit (Dual Core A72 + Quad Core A53)
Graphics Processor	Mali-T864
Internal Storage	2 GB DDR3 RAM, 16 GB Flash Storage
Wireless	Dual Band 802.11 a/b/g/n AC2.0
Video Output	HDMI output with Audio
Streaming Video Support	HD (1920 x 1080), HD SD (1280 x 720)
Audio Output	SPDIF Digital Optical Audio
I/O	(1) USB 2.0, (1) USB 3.0, (1) USB-C, (1) Micro SD, IR
Operating System	Android 6.0 Marshmallow
Coalesce Software Pre-installed	Includes Android version of Coalesce server software built for wireless sharing.
Security Specifications	
Network Interface Cards	(1) Ethernet NIC and (1) wireless NIC
Network Settings	Accessed via Coalesce configuration panel and an (optional) admin pin; Settings include DHCP or fixed address, DNS server, SSID Name (for wireless)
Network Modes	Wireless Access Point, Ethernet Network Deployment, Dual-Network, Wireless Client
Encryption	2048-bit length encryption key, TLS/DTLS, HTTPS
Software Security and Access Options	Disable/enable local configuration, open access, pin lock, screen key

COALESCE MPE FEATURE SPECIFICATIONS

Client OS	
PC Application	Windows® 10, Windows 8, WIndows 7 (limited support)
Chrome® Web Client	Google Chrome version 55+ - Windows - Mac® - Ubuntu®, Fedora® - ChromeOS®
AirPlay®	iOS® 9, 10 MacOS® 10.10, 10.11, 10,12
Android Application	Android 5 and above
iOS Application	iOS 10 64-bit device
Connectivity	Integrated wireless access point (can be enabled or disabled); Connect to a network using Ethernet and/or Wi-Fi; Connect to a network with DHCP or Static IP; Unique meeting ID generated on launch of new meeting; Optional PIN for added security when connected to Internet
Receiver Interface	Connect up to 4 participant's screens; Touch display support (or control via connected mouse/keyboard); Make any connected participant the Active Display; Drag & move client displays at receiver/display; Desktop control of full-screen client PC's (Active Display) from the receiver/display; Whiteboard/Annotation tools
Client Interface	
Windows Application: • Share your desktop • Choose to be the Active Display • Pause sharing • In-room and remote meeting access	Chrome Web Client: • Share your desktop/selected application • Choose to be the Active Display • Pause sharing • In-room and remote meeting access
IOS Application: • Share a web page, image or video • Choose to be the Active Display • In-room and remote meeting access	Android Application: • Share your device screen • Choose to be the Active Display • In-room and remote meeting access
AirPlay: • Connect via same subnet or Access Point • Share your screen • Use meeting ID to ensure secure connection	

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