

MP-PRO COLLAB KIT

ENTERPRISE WIRELESS BYOD & BYOM VIDEO COLLABORATION HUB

DUAL SCREEN • 4K UHD

Transform Any Meeting Room into a Hybrid Collaboration Hub

Eliminate table cable clutter, adapter hunting, and complex AV setups. The MP-PRO COLLAB KIT empowers participants to wirelessly cast their screens and immediately access in-room USB cameras, microphones, and soundbars straight from their personal laptops.

✓ AirPlay / Miracast / Google Cast

✓ Wireless BYOM USB Bridging

✓ Dual 4K HDMI Outputs

✓ Dual Isolated LAN & PoE



MP-PRO COLLAB 2nd Gen Base Unit

01 KEY BUSINESS BENEFITS & VALUE DRIVERS

Zero-Cable BYOM Meetings

Launch hybrid Teams, Zoom, or Webex meetings in under 10 seconds. Seamlessly routes room cameras & audio to laptops over high-speed Wi-Fi.

Dynamic Multi-Presenter Views

Drive 2 displays simultaneously with quad-view splits (up to 4 active sources on one screen and 14 standby previews) for side-by-side reviews.

Enterprise Security & Isolation

Dual independent Gigabit Ethernet interfaces keep guest visitor Wi-Fi physically isolated from internal corporate networks. AES encrypted.

02 HIGH-IMPACT COMMERCIAL FEATURES

• Universal BYOD Without Software

Native screen mirroring from iOS, macOS, Windows, and Android using built-in AirPlay, Miracast, and Google Cast with zero software installation required.

• Intelligent Dual Camera Switching

Supports two USB conference cameras. Effortlessly toggle between executive presenter close-up and panoramic room wide-angle view during live meetings.

• Smart Room PC & Laptop Peripheral Routing

Automatic USB switching bridges room mics/cameras between dedicated In-Room PC (via USB-B) and wireless participant laptops without manual replugging.

• 4K Ultra-HD Output & Ultra-Low Latency

Dedicated 4K HDMI local input and 4K@60Hz output deliver crystal-clear spreadsheets, CAD drawings, and high-framerate presentations with sub-80ms response.

• Interactive Touchback & Live Whiteboard

Control laptops directly from interactive touchscreens. Features built-in digital whiteboard, real-time overlay annotations, and instant QR-code meeting summary downloads.

• Digital Signage & Energy-Saving Standby

Transforms idle conference displays into scheduled company announcement boards and automatically enters low-power standby mode when meetings conclude.

03 OPTIONAL ONE-CLICK WIRELESS TRANSMITTERS (DONGLES)

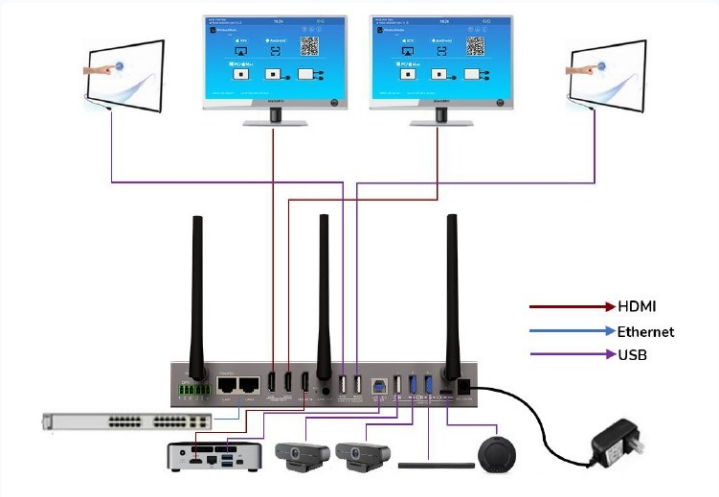
MP-DH20 — 4K HDMI Transmitter

Dual-plug (HDMI + USB-A) transmitter. Features central presentation click button, screen freeze control, and camera switching auxiliary keys.

MP-DC20 — USB-C Transmitter

Single USB-C connection with DP-Alt mode. Powers directly from laptop with zero software setup for instant, click-to-present wireless collaboration.

04 ROOM CONNECTIVITY & NETWORK ARCHITECTURE



Enterprise Dual-Screen Conference Room Wiring & BYOM Integration Architecture

Integrates dual interactive displays, dual PTZ conferencing cameras, wireless laptops, room PC, soundbar/mic, and isolated corporate networks.

Recommended Commercial Applications: Corporate Executive Boardrooms • Hybrid Video Conferencing Rooms • Collaborative Training Rooms • High-Tech Huddle Spaces • Smart Higher Education Classrooms • Council & Court Chambers

05 SUMMARY SPECIFICATIONS MATRIX

TECHNICAL & PERFORMANCE SPECIFICATIONS	
Video Outputs	2x HDMI Type A: HDMI Main up to 4K@60Hz (HDMI 2.0 / HDCP 2.2), HDMI Sub up to 1080P@60Hz
Local Video Input	1x HDMI Type A: Up to 4K@30Hz (HDMI 1.4 / HDCP 1.4) with auto-detect instant switching
Multi-View Layouts	Up to 4 simultaneous presenter windows on a single display; up to 5 screens in dual-display mode (4+1 / 1+4) + 14 moderator preview channels
Wireless Protocols	Native Apple AirPlay, Miracast, Google Cast, WirelessMedia Desktop/Mobile App (Windows/macOS/Android/iOS)
Conferencing BYOM	Wireless transmission of USB Camera, USB Microphone, and Speakerphone directly to host laptops for Teams/Zoom/Webex
Camera Switching	Dual USB camera support with real-time switching via transmitter button, app interface, or WebGUI
Network Security	2x Gigabit Ethernet (RJ-45 1000Mbps): Physical network separation between Staff LAN and Guest Wi-Fi; 802.1x EAP support; RSA & AES encryption
Power & Installation	Power over Ethernet (PoE IEEE 802.3at on LAN 1) or DC 12V adapter; Wall-mount brackets included
Interactive Tools	Dual USB Touchscreen inputs with reverse touch control, multi-page whiteboard, and live overlay annotation
Smart Signage	Scheduled standby HTML digital signage page; automatic energy-saving display CEC standby

UPGRADE YOUR ENTERPRISE COLLABORATION EXPERIENCE

Contact Edge Technology today for live demonstrations, proof-of-concept trials, and tailored system designs.