

WF-12

WIRELESS VIDEO CONFERENCING



Overview

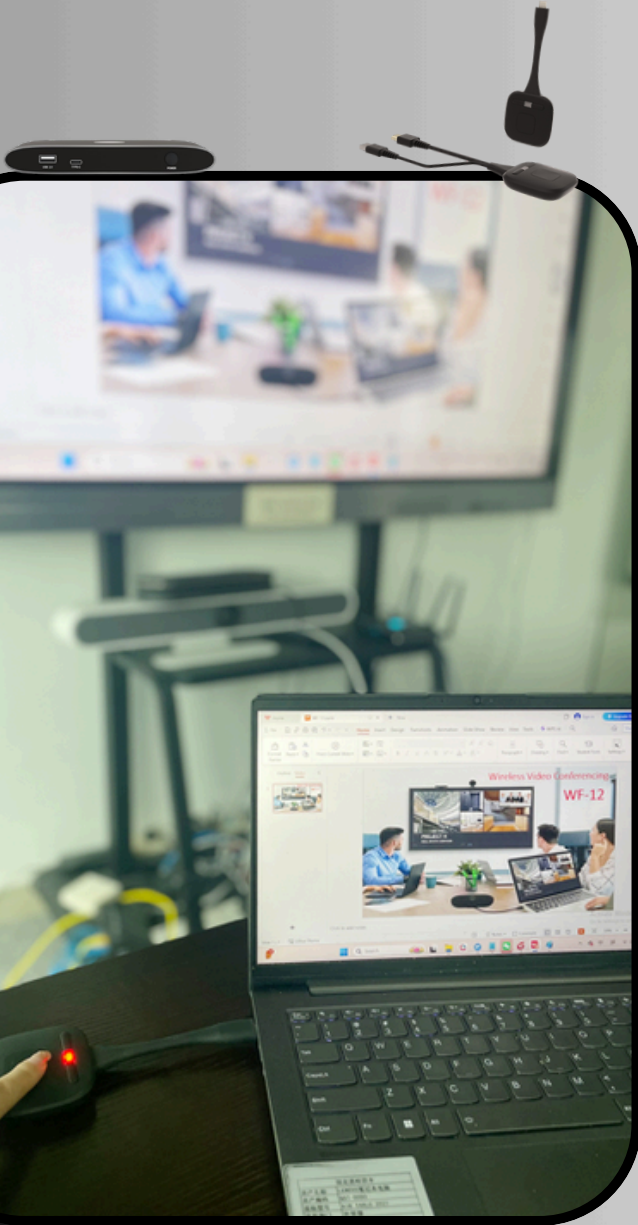
The WF-12 is a wireless collaboration solution designed for modern smart meeting rooms, making every meeting simpler, smoother, and more productive. Whether for in-person discussions or hybrid meetings, WF-12 seamlessly connects your laptop to the room's display, audio, and video devices—so you can focus on communication, not connectivity.

Walk into the room, plug in the WF-12 to your laptop, and click to start. No complex setup, no cable clutter—WF-12 automatically establishes the connection. With plug-and-play simplicity and instant screen sharing, eliminate connection hassles and maximize meeting efficiency.

With WF-12, remote participants enjoy a truly immersive experience. High-definition video and clear, synchronized audio bridge the physical gap, making distance irrelevant and bringing teams together wherever they are.

Boost team engagement and collaboration. With WF-12, you gain higher meeting room utilization, excellent ROI, and the peace of mind that comes with stable, reliable performance.





KEY FEATURES

- Support native wireless mirroring protocols Airplay, Chromecast and Miracast
- Supports wireless transmission of camera video data to laptop
- Additional security layer for encrypted wireless transmission
- Supports custom background images for the main screen
- Supports screen sharing function with 4K Dongle
- Supports Telnet control of the device
- Supports up to 2 split-screen displays and up to 16 participants to be previewed
- Supports wireless touch whiteboard and annotation



Technical Specifications

WF-12	Specification
HDMI Output	1 x HDMI 19-Pin Female Connector
HDMI Output Resolution	3840x2160@60Hz, 3840x2160@30Hz, 1920x1080@60Hz, 1280x720@60Hz
HDMI Format Compliance	HDMI 1.4/HDMI 2.0
Video Capacity	1080P@60Hz Airplay for IOS Devices 4K <30Hz WirelessMedia App 4K <30Hz for HDMI show-me Button 4K 30Hz for USB-C show-me Button 4K <50Hz for HDMI Input
HDCP	HDCP1.4/HDCP2.2
Analog Audio Output	1 x 3.5mm PC Audio Female Jack
LAN Port	RJ45 100Mbps
USB Interface	USB3.0: Type A x1; USB2.0: Type A x2. Type Cx1
Audio Input	AirPlay, Miracast, Chromecast, Windows/MAC App, WMH, WMC, USB(MIC)
Audio Output	Jack, HDMI, Jack HDMI, USB(Speaker)
Number of Window Simultaneous on Screen	≤ 2+12 (2 Main Windows+12 Thumbnail Windows)
Number of Simultaneous Connections	≤ 16
Video Playback Frame Rate	20-60 FPS
Latency	<100ms, Min 20ms
WIFI Data Rate	Up to 1200Mbps
Wireless Transmission Protocol	WIFI IEEE 802.11 a/b/g/n/ac
Found Nearby Devices	Support
Frequency Band	2.4 GHz & 5 GHz
WIFI Antenna	MIMO 2x2,MIMO 1x1
WIFI Encryption	AES WPA PSK, WPAZ PSK
Control Method	Web GUI, Telnet
Dimension IW x D x H)	165mm x 100mm x 25mm (including antenna: 165mm x 130mm x 95 mm)
Weight	2.05lbs (930g)
Operating Temperature	-4° to +113°F (-20°C to +45° C)
Storage Temperature	-4° to +140 F (-20°C to +60°C)
Relative Humidity	20%-85% RH (No Condensation)
DC Power	12V/2A
Power Adapter	AC100-240V 50/60Hz 12V/2A Adapter with Two Plug-in, US, Europe

