

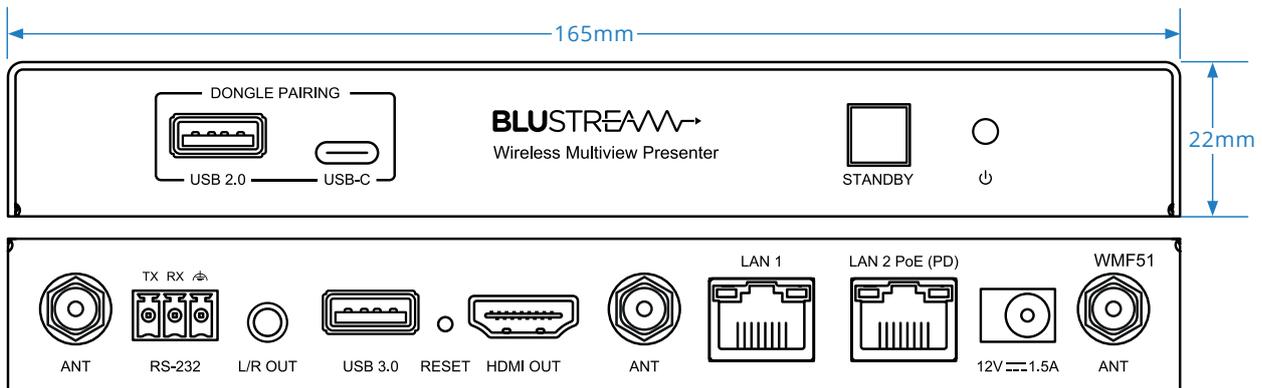
## Wireless Multiview Presenter

### Description

The WMF51 is a 4K multi-format presentation switch featuring AirPlay, Miracast® and Chromecast® inputs to a single HDMI output. The WMF51 provides enhanced features including multi-view presentation, video scaling, a web-GUI for control and configuration, localised 2.4/5G WiFi hotspot and dual LAN connectivity.

The WMF51 also features OSD control, USB touch-back to connected host device, whiteboard and screen overlay annotation, with manual or automated source selection. The WMF51 can be controlled via front panel, RS-232 or TCP/IP.

The WMF51 is also compatible with Blustream WMF-USBC-D and WMF-HDMI-D plug and play wireless dongles, providing an ideal BYOD solution for your boardroom, classroom, or huddle-space application.



### Key Features

- 4K multi-format multi-view presentation switch
- Features AirPlay, Miracast®, Chromecast® and Blustream wireless dongle support which can be switched to a single HDMI output
- Multiview presentation with up to 4 concurrent video signals with configurable screen layout
- In-built video scaler with output timing up to 4K 60Hz 4:4:4
- Localised 2.4G/5G WiFi hotspot to host AirPlay, Miracast® and Chromecast® local point-to-point mode (up to 1080p)
- Dual LAN connection for integration to existing network infrastructures
- Supports USB touch-back feature via WMF-USBC and WMF-HDMI dongles and Miracast®\*
- Audio breakout to analogue L/R audio
- Web interface module for control and configuration of unit
- OSD control with preview function
- Whiteboard and screen overlay annotation feature
- Control via front panel, RS-232 and TCP/IP with manual or auto source selection
- Features Class 0 IEEE 802.3af PoE for powering of product from a PoE switch

\*Miracast touch-back compatibility subject to Windows features

Blustream cannot be held responsible for errors in typography or photography. Specifications are subject to change without notice.



## Specifications

- **WiFi Specification for Europe only:**  
2.4GHz EIRP < 20dBm  
5.150~5.250GHz EIRP < 23dBm  
5.725~5.850GHz EIRP < 13.98dBm
- **Dimensions (W x H x D):** 165mm x 22mm x 90mm (excluding antennas)
- **Shipping Weight:** 1.5kg
- **Operating Temperature:** 0°C to 45°C (32°F to +113°F)
- **Storage Temperature:** -20°C to 70°C (-4°F to +158°F)
- **Power Supply:** Class 0 IEEE 802.3af PoE PD or 12v/1.5A DC

## Package Contents

1 x WMF51
1 x 3-pin Phoenix Connector (RS-232)
3 x Antenna
1 x Mounting Kit
1 x Quick Reference Guide
1 x 12v / 1.5A DC Power Supply

## Connectivity

- **Video Output Connectors:** 1 x HDMI Type A, 19-pin, female
- **Audio Output Connectors:** 1 x 3.5mm stereo jack (2ch analogue audio)
- **RS-232 Serial Port:** 1 x 3-pin Phoenix connector
- **TCP/IP Control:** 2 x RJ45, female (1000Mbps x1, 100Mbps x1)
- **USB Connector:** 1 x USB 3.0 Type A female
- **USB Pairing Connector:** 1 x USB 2.0 Type A female, 1 x USB Type C female
- **WiFi Antenna Connections:** 3 x SMA, female connector, MIMO antennas (2.4G & 5G, WIFI IEEE 802.11 b/g/n/ac up to 1200Mbps)
- **WiFi Encryption:** AES WPA PSK, WPA2 PSK

## Regulatory Compliance



**CAN ICES-003(B) / NMB-003(B)**  
**FCC ID: 2AY2P-WMF51 IC: 27021-WMF51**

Blustream cannot be held responsible for errors in typography or photography. Specifications are subject to change without notice.