MTC-4600
Wireless BYOD System

Key Advantages:

Working seamless with VC platform

Easily integrates with existing UC Rom camera, mic, speaker and display with laptops wirelessly.

BYOD multi-content sharing

Allows up to 16 users to connect their PCs, tablets or smartphones to MTC-4600 base unit simultaneously, and 4 users can mirror his/her screen as the main screen.

Host control

Moderator control can select a user from the preview window to present and take control. Collaborate using the built-in touch back support, remote view, annotation and whiteboarding features.

Network security

Offering guest and employee WiFi network option to protect your internal business network. Best- in-class data security with high standard encryption.

Easy to present

Easily present content from your PC in any room without the hassle of cables or installation. Simply connect the transmitter to get started.

Smooth AV and HD picture quality

With HDMI 2.0 video output standard and 19-bit, 60 HZ audio quality. Supports up to 60HZ full HD 1080P video and best picture quality up to 4K.

IT remote management

IT remote management and maintain WLAN encryption with AES WPA2PSK. Data transmission is encrypted with 256/1024 bits.

TECHNOLOGY DELIVERED

Specification

HDMI output	1x HDMI 19-pin female connector
Video Output Resolution	3840x2160@60Hz,3840x2160@30Hz, 1920x1080@60Hz, 1280x720@60Hz
Format Compliance	HDMI1.4/HDMI2.0
Video Capacity:	1080P @ ≤60Hz Airplay for IOS devices 1080P @ ≤60Hz "WirelessMedia" app 1080P @ ≤60Hz for HDMI show-me button 1080P @ ≤60Hz for USB-C show-me button 1080P @ ≤30Hz for USB show-me button
HDCP	HDCP1.4/HDCP2.2
Analog Audio Output	1x 3.5mm PC audio female jack
LAN port	RJ45 x2：1000Mbps x1, 100Mbps x1
USB interface	USB3.0 x3, Type-C(USB3.0) x1, USB 2.0 x1, Type-C(USB2.0) x1
USB Camera	≤1080P@30, MJPG
Audio Input	AirPlay/Miracast/Chromecast, Windows/MAC, WMH, USB/BT SpeakPhone
Audio output	Jack, HDMI, Jack + HDMI, USB/BT SpeakPhone
Control connectors	3.5mm Phoenix terminal/ RS232 interface
Number of window simultaneous on screen	≤ 4+12（4 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 1200 Mbps
Wireless transmission protocol	WIFI IEEE 802.11 b/g/n/ac
Frequency band	2.4 GHz & 5 GHz
WIFI Antenna	MIMO 2x2 and MIMO 1x1
WIFI Encryption	AES WPA PSK, WPA2 PSK
Control method	Web GUI, Telnet, RS232
Dimension (W x D x H)	220 x 120 x 33 mm (Antenna not included)
Weight	950 g（TBD）
Relative humidity	20%~ 85% RH（no condensation）
DC Power	12V / PoE
PoE standard	IEEE802.3af (or IEEE802.3AT TBD)
Power Consumption	10W(MAX) (TBD)
Power adapter	AC100~240v 50/60Hz 12V/1.5A(TBD)

HDMI Dongle and Type-C Dongle

Features

- **Quick "Show-me" Button:** Instantly switch the active PC signal in less than 1 second.
- **Independent Source Control:** The "Show-me" button allows seamless step-in/step-out of PC sources.
- **Dual-Color LED Indicators:** Green LED signifies an active source signal, while red indicates power/link status.
- **BYOM Support:** Enables wireless sharing of USB devices like USB speakerphones and USB cameras over WiFi.

Specification

Video Input Formats	Compliant with DP 1.2 for 1.62Gbps, 2.7Gbps ,5.4Gbps
	Compliant with DP 1.2 and eDP1.4
	Support DP 1, 2 , 4 lanes
	Over type C
HDCP	HDCP1.3
Video Input Resolution	VESA, maximum 2560x1440
Video input timing	1920x1080, 1680x1050,
@24, 25, 30, 50, 60 HZ	1600x900, 1440x900, 1400x1050, 1366x768, 1280x1024, 1280x800,
	1280x720, 1024x768, 1920x1200, 1600x1200, 2560x1440
Video Output Formats	1 x Wireless
Audio Input Formats	DP 2CH PCM
Audio Output Formats	WIFI 11b/g/n/ac
USB Input	USB type C (USB 2.0 only)
Wireless transmission protocol	WIFI IEEE 802.11 a/g/n/ac
WIFI Frequency band	2.4 GHz & 5 GHz
WIFI Antenna	MIMO 2x2
WIFI Data rate	Up to 1200Mbps
Video Capacity	Wireless Transmission 1080P@ 60Hz, 2560x1440 30Hz
Distance	Typical : 35m without obstacle between WMT3- H and WMS
Button	Capacitive touch Key and vibration
Indicator	Green/ Red/color back-lit LED indicator
Round Unit Dimensions	without cable: 65mm x 15mm x80mm
(L x H x R)	with cable: L=190mm
Weight	~0.2lbs (~85g)
Surface finish	1~2mm plastic with matte black finish
Operating Temperature	-4° to + 113 ° F (-20° C to +45° C)
Storage Temperature	-4° to + 140° F (-20° C to to +60° C)
Relative humidity	20%~ 85% RH (no condensation)
Power Consumption	3W (max.)

TECHNOLOGY DELIVERED

System Diagram

Camera Mic & Soundbar

Display

MTC-4600

USB For Camera & Mic & Speaker
HDMI For Video