



Wireless Presentation Unit & HDMI Dongle - MTC 4500BH



- Extended Display
- Mirror up to 4 sources simultaneously
- Preview the screens of the connected users
- Segmented dual networks for guests and staff
- Different levels of encryption to fulfil different network setup needs
- Sketches on whiteboard or annotation can be captured and downloaded



MTC-4500BH Technical features:

Video / Audio Formats

Video Input	Wireless: MTC-4000D (USB Dongle), MTC-4000H (HDMI Dongle), MTC-4000U (Software Dongle)
Video Output	1 x HDMI
Video Output Resolution	3840 x 2160 @ 60Hz max
HDMI Format Compliance	HDMI 1.4/ 2.0
HDCP	HDCP 1.4/ HDCP 2.2
Audio Input Format HDMI	Embedded digital audio: 20kΩ impedance
Audio Output Format	De-embedded stereo analog audio: 20kΩ impedance

Connectors

HDMI Output	HDMI 19-pin female connector x 1
Analog Audio Output	3.5mm audio female connector x 1
Power Input	DC 12V/2A
LAN	RJ45 x 2: 1000Mbps (PoE) x 1, 100Mbps x 1
USB	USB 3.0 Type-A x 1, USB 2.0 Type-A x 1, USB Type-C x 1
Antenna	Antenna connectors x 2
RS232	3.5mm Phoenix terminal x 1

Features

Number of Window	4 windows max
Simultaneous Display	
Number of Video Preview	14 thumbnail windows
Number of Simultaneous Connections	16 max (*subject to environment)
Video Playback Frame Rate	20-60FPS
Wireless Protocol	IEEE 802.11 a/g/n/ac
Frequency Band	2.4GHz and 5GHz
Processing signal resolution	1080P @ 60Hz AirPlay for iOS devices 1080P @ 60Hz "MTC-4000" app 1080P @ 60Hz optional dongle MTC-4000H 1080P @ 30Hz optional dongle MTC-4000D and MTC-4000U
Mobile Capability	AirPlay, Free Android app
Encryption	AES 256 bit, RSA 1024 bit
USB HID	USB HID & touch screen support for controlling presentation

Control & User Interface

USB	HID for mouse or touch screen
Ethernet	Web UI for system setting
RS232	RS232 commands

Mechanical

Dimensions (W x D x H)	165mm x 95mm x 24.5mm
Weight	0.2kg

Environmental

Operating Temperature	+32° to +104°F (0° to +40°C)
Humidity	20% to 90% (non-condensing)

Power

DC Power	12V
Power Consumption	10W (max)
PoE	IEEE802.3af

Accessories

DC power supply with four plug connections: US(type A), Europe(type C), UK (type G), Australia (type I); Antenna x 2, Rack Ear and Screws x 1 pair

Specification of Software Dongle

USB Connector	USB 2.0 Type-A
Wireless	Depends on the Wi-Fi module of PC/Laptop
Processing signal resolution	1080p @ 30Hz
Streaming Distance	Depends on the Wi-Fi module of PC/Laptop
Storage	8GB, for "Launcher"
Dimension(L x W x H)	(70.5mm x 17mm x 10.5mm)
Weight	0.3kg
Operating Temperature	+32°F to +104°F (0°C to +40°C)
Humidity	20% to 90% (non-condensing)
USB Power	USB Internal 5V, 2W (max)

Specification of HDMI Dongle

USB Connector	USB 2.0 Type-A
HDMI Connector	19-pin male connector
Wireless	IEEE 802.11 a/g/n/ac
Processing signal resolution	1080p @ 60Hz
Streaming Distance	Up to 35 meters
Button	Touch button
Indicator	Green/Red colour back-lit LED
Dimension(L x W x H)	(80mm x 65mm x 13mm)
Weight	0.1kg
Operating Temperature	+32°F to +104°F (0°C to +40°C)
Humidity	20% to 90% (non-condensing)
USB Power	USB Internal 5V, 2W (max)