

TapPlay™ U400

BYOM Wireless Presentation Switcher



Overview

TP-U400 is a BYOM wireless presentation switcher designed for ease of use in conference room or classroom applications with less cabling and cost. This product is compatible with most USB cameras and conferencing audio solutions, such as speakerphones, AEC processors, video soundbars with audio integration, etc.

TP-U400 features its own Wi-Fi access point and support popular mirroring technology such as Airplay and Miracast from computers and phones. The product supports single view, 1x2 and 2x2 multiview and can have up to 16 devices connected with preview. It can incorporate with interactive display or whiteboard to control source devices for manipulating or annotating. The use of TP-U400 can offer a powerful presentation and collaboration environment for conference and meetings.

Key Features

- Full wireless presentation and BYOM support
- Support wireless input up to 1080P@60Hz, and HDMI 2.0 output up to 4K@60Hz
- Support Windows/Android application and PnP HDMI/Type-C dongles for wireless connection
- Support wireless mirroring like Miracast
- Support USB peripherals like camera, mic, and speaker for wireless connection to PC/laptop
- Support mouse and keyboard control
- Support wireless touch back for PC/Android
- Fully compatible with VC platforms
- Support multiview up to 4 windows with preview
- Support PoE
- Support customisable home screen
- Built-in whiteboard and on-screen annotation
- Support WebUI for central management
- Low latency
- Best-in-class data security
- Support preview

Specifications

HDMI output	1x HDMI 19-pin female connector
Video Output Resolution	3840x2160@60Hz/30Hz, 1920x1080@60Hz, 1280x720@60Hz
Format Compliance	HDMI1.4/HDMI2.0
HDMI input / max. resolution	Maximum 1080P@60Hz via TP-DGH/DGC, app, and Airplay
HDCP	HDCP1.4/HDCP2.2
Compatible dongles	TP-DGH, TP-DGC
LAN port	2x RJ45: 1x 1000Mbps with POE, 1x 100Mbps
USB interface	3x USB3.0, 1x USB 2.0, 2x Type-C
Control	Keyboard, mouse, and interactive display touch back
Content Input	TP-DGH/TP-DGC, AirPlay, Miracast, Windows/Mac application
Audio Output (Analog)	1x 3.5mm audio female connectors
Control interface	WebUI, Telnet, 3.5mm Phoenix terminal/ RS232 interface
Multiview	Up to 4 simultaneously with adjustable layout
Number of simultaneous connections	Maximally 16
Wireless transmission protocol	Wi-Fi IEEE 802.11 a/g/n/ac
Frequency band	2.4 GHz & 5 GHz
Data rate in wireless	Up to 1200Mbps
Latency	<100ms, min 20ms with low latency mouse cursor
Dimension (W x D x H)	220 x 120 x 34mm (incl. antennas 220 x 280 x 34mm)
Weight	0.74kg
Temperature	-4° ~ +140° F (-20° ~ +60° C)
Humidity (Storage / Operating)	20%-90% (non-condensing)
Power Supply	Power adaptor with exchangeable plugs (EU/UK/US) 12V/3A, POE
POE standard	POE plus - IEEE802.3af
Power Consumption	Maximum 36W
Security standard	WiFi: WPA PSK, WPA2 PSK - Video transmission encrypted with AES-256 bit + RSA1024 bit

System Diagram

