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BY40 SPECIFICATIONS

Highlights	● USB-C/USB-A Wireless Screen Mirroring & Wireless BYOM Support for PC ● 4K High-Resolution Wireless Transmission for low-latency collaboration ● Plug-and-Play，Power-On Auto-Run & Auto WiFi Connection，One-Touch Screen Sharing ● Quick Pairing with RB10/RB20/RC941 via USB interface ● Hardware-Based USB Audio/Video capture, encoding（H.264/H.265) ● Compatible with mainstream cloud video conferencing service
Product Type	BY40
Product Name	Wireless BYOM Transmitter
Video & Audio	
Screen Mirroring Encoding Resolution / Frame Rate	Up to 3840x2160(USB Type-C), Up to 1920x1080(USB Type-A), 30 fps
Screen Mirroring Video Encoding Format	H.265/H.264
Screen Mirroring Audio Encoding Format	44.1KHz/48KHz/16bit PCM，Stereo
BYOM Stream Encoding Resolution / Frame Rate	Up to 1920x1080, 30 fps
BYOM Stream Video Encoding Format	MJPEG
BYOM Stream Audio Encoding Format	8~48KHz，Mono/Stereo
Control	
USB Communication Protocol	UVC/UAC Standard Protocols
Reverse Control Mode	Supports 10-point touch reverse control for Windows-based PCs; Supports single-point touch reverse control for Mac-based PCs
WIFI	
Protocol	IEEE 802.11ac/802.11n
Wireless Transmission Distance	Up to 15 m （The actual distance is related to the interference of ambient wireless signals)
WIFI Frequency Band	2.4G/5GHz
Wireless Encryption Protocol	WPA2-PSK
Connection Time	The time from power-on after insertion to screen mirroring is < 12 seconds
Transmission Latency	Average latency < 150ms
Antenna	2T2R, Built-in Onboard Antenna
Interfaces	
Adapter Cable Interface	1 x USB Type-C&Type-A two-in-one, replaceable male plug, supports DP Alt mode
Screen Mirroring Device Interface	1 x USB Type-C, female socket. Through this interface, audio, video, control, power supply, pairing, upgrading, and touch reverse control are realized
System Compatibility	
Supported Cloud Video Conferencing Service	Microsoft Teams, Zoom, Google Meet, etc
Supported Playback Software	The Camera application included in Windows 10/11 systems
	The QuickTime application included in Mac OS X systems
	Other third-party media playback software, etc.
Supported Operating Systems	Windows 10/11 32-bit and 64-bit，Mac OS X 10.10 and above
Generic Specifications	
Input Voltage	USB 5V /1A
Average Power Consumption	3.0W（USB Type-C for 4K screen mirroring）/1.8W（USB Type-A for 1080P screen mirroring）
Operating Temperature	+5°C ~ +40°C;
Storage Temperature	-20°C ~ +60°C
Operating/Storage Humidity	0 ~ 90%% (Relative humidity, no condensation)
Dimensions (W x H x D)	64mm x 63mm x 16mm
Product Picture	