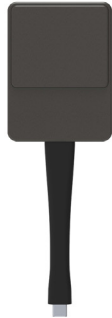**a|hua**
TECHNOLOGY

DHI-PKP-WP1B
Wireless Screen Sharing Dongle

· No need to install software or drivers.

· Hassle free, there is no need to install cables.

· Performs projection with just the press of a button.

· Displays in 4K delivering a crisp image.

· Easy to use, it wirelessly transmits videos and audio to other devices, making it ideal for meetings.

· Supports Chrome, iPads and mainstream operating systems such as Windows, macOS, Linux and Android.

System Overview

Easy to use, the wireless transmitter is plug and play, and does not require any software or drivers to be installed. It projects a crisp image with just the press of a button, eliminating the need to perform time-consuming configurations. Simply pair, plug it in and hit the button to seamlessly transmit audio and videos to other devices.

Functions

Efficient
With just the press of a button, the device performs wireless projection in seconds. It is easy to use and improves the efficiency of meetings.

Free of Software and Drivers
There is no need to install software and drivers, nor to worry about compatibility issues. Just plug it in and project your content without the risk of attacks from viruses and malicious software.

Easy to Pair
Designed for convenience, you need only plug it into another device that supports Eshare, and it will pair all on its own. It supports being paired with IFPs, projectors and more.

Security Protection Mechanism
Secure encryption and WPA2 authentication ensures your data remains secure.

Reliable Wireless Connection
The device preferentially selects 5G Wi-Fi channels to provide seamless wireless streaming of high-definition content.

Touch Feedback
The touch feedback feature allows users to perform touch control on the laptop that is casting to the touch display, making meetings more interactive and efficient.

High-Performance
With its brand new hardware configuration, the device has been fully optimized, offering better operations and greater performance.

Multiple Screens
The transmitter can be paired with multiple devices at the same time, and project for each device in turn. It also supports collaborative sharing through the EShare app.

Scene

DHI-PKP-WP1B is used with the Smart Interactive Whiteboard series.

Technical Specification

Hardware Parameters

Input Resolution	480p, 576p, 720p, 1080p, 4K PC timing: 640 × 480, 800 × 600, 1024 × 768, 1280 × 720, 1920 × 1080, 3840 × 2160
Output Resolution	720 × 480, 720 × 576, 1280 × 720, 1920 × 1080 (1080p), 3840 × 2160
Interface	Full featured Type-C
Input voltage	5 VDC (Type-C power supply)
Power consumption	2.5 W (Average)
Current Consumption	0.9 A (Max.)

System config

Operating system	Windows® 7, Windows 8.1, Windows 10 or Windows 11, macOS™, Chrome OS, Linux OS, Android OS. Any OS supports full featured Type-C
Encryption	CCMP
Authentication protocol	WPA2 (WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)
Wireless data rate	54 Mbps
Frame Rate	Up to 60 fps depending on environment (FHD)
Touch control back	Support 10 points

Structure

Net weight	80 g (0.18 lb)
Dimensions	176 mm × 58 mm × 17 mm (6.93" × 2.28" × 0.67")
LED	Blue, Green, Red

Environment Requirements

Operating temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Temperature	−20 °C to +60 °C (−4 °F to +140 °F)
Operating humidity	0%–80% (RH) (non-condensing)
Transmission distance	The distance between wireless projectors and the host is up to 15 m (49.21 ft)
Frequency band	2.4 GHz and 5 GHz (recommended)

Device Ports

Wi-Fi	Yes
Wi-Fi Standard	Wi-Fi 5 station 802.11b/g/n/a/ac
Wi-Fi Frequency Range	≤20 dBm@2400–2483.5 MHz; ≤23 dBm@5150–5250 MHz; ≤20 dBm@5250–5350 MHz; ≤27 dBm@5470–5725 MHz; ≤14 dBm@5725–5850 MHz

Dimensions (mm[inch])