Wireless Presentation and Collaboration System

for the modern enterprise

SmartShare 4K Nano

WMU4040N

User Guide

Revision	History	Date
V1.0	Initial Release	2022/4/15

Introduction

SmartShare 4K Nano is an intuitive and high efficiency 4K wireless presentation and collaboration system that enables any meeting participant to simply share the content from their laptop, mobile phone, or tablet on the projector or large screen wirelessly, no APP required, no set up, no messy cables, just click and share. SmartShare 4K Nano support up to 16 presenters to share their contents instantly without wasting valuable meeting time.

A standard SmartShare 4K Nano is a combination of one transmitters and one receiver, the receiver is connected to a projector or display, and the transmitters are connected with PC or any device with HDMI jack, after connected, users click the button on the transmitter and the screen will be streaming to the display, it's easy for other users to switch by click. You can buy additional transmitter or receiver if needed.

Never have to worry about the software configuration, no compatibility, WIFI and network set up, no need IT support, with our powerful and simplicity solution, everyone can immediately know how to use it for collaborative presentations, which significantly improves corporate efficiency and productivity.

Product features

| Features	Description
Plug and play	Simple connect the transmitter with the PC HDMI ports, then click the button to start the streaming.
App Free	SmartShare 4K Nano doesn't need any software or app installation, no setup, no IT team.
All in one	Support Blu-ray DVD player, media player and any devices with HDMI jack.
Auto Channel Selection	The SmartShare 4K Nano will select the best Wi-Fi channel automatically after power on to ensure streaming smoothly.
Fast Speed with 5G AC MIMO Technology	The SmartShare 4K Nano comes with the fast 802.11ac MIMO technology which increase Wi-Fi speeds by allowing a pair of wireless devices to simultaneously send or receive multiple data streams.
4K60 High Resolution Quality	SmartShare 4K Nano support 4K high resolution, which means much more clear pictures, rich in details and texture compared with 1080p.
High Security Protection	No worries about the data security, the SmartShare 4K Nano support AES 128-bit security encryption and WPA2/WPA-PSK/WPA2-PSK authentication protocol to protect data. HDCP supported to protect the content.

Package Included:

Transmitter x1   Receiver x 1   Type c cable x 2   HDMI extended cable x 1
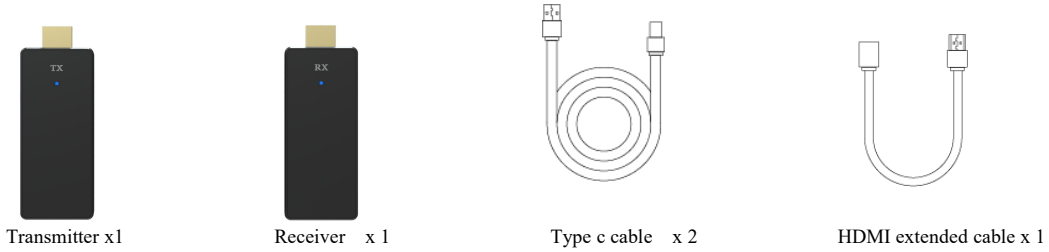
Product Specification

Feature	
Video input	Up to 4K30
Video output	Up to 4K60
Audio	PCM
Wireless Channel	IEEE 802.11ac, 5GHz
Latency	About 100ms latency
HDMI Version	HDMI2.0
Authentication Protocol	WPA2 (WPAS-PSK / WPA2-Enterprise)
Security	AES 128 bit
Platform supported	Windows, iOS, Android system, Any devices with HDMI jack
Distance	About 30 meters in the clean line of sight
Transmitter	
interface	HDMI in jack x 1, Type c x 1
LED	Red and blue
Switch button	x 1
Power supply	DC5V/0.7A
Power Consumption	About 3.5 W
Dimension	91x34x13mm
Weight	
Receiver	
Interface	HDMI out jack x 1, Type c x 1
LED	Blue
Power supply	DC5V/1 A
Power Consumption	About 3W
Dimension	91x34x13mm

Weight	
Temperature Range	
Operating:	0°C to +40°C (+32°F to +104°F)
Storage:	-10°C to +60°C (+14°F to +140°F)
Humidty	
Operating:	10% to 80% relative humidity
Storage:	5% to 90% relative humidity

Overview

TX
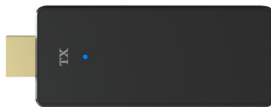
1. HDMI in: connect with the HDMI port of the source devices.
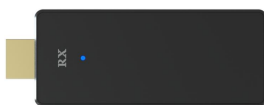
2. LED: to display different statue.
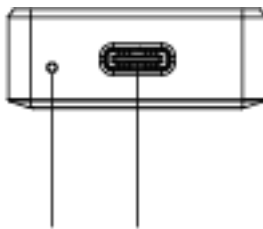
Reset DC 5V

1.Reset: press the button up to 3s for factory reset

2. Type C: for power supply.

LED indicator of the SmartShare 4K Nano TX

| Static red	TX system is booting on
Flashing red	TX is searching for RX
Flashing blue	Waiting for connection
Static blue	Connected and start to presenting
Purple	No HDMI in

RX

1. HDMI out: connect with monitor or projector.

2. LED: to display different state.
3. Type C: for power supply.

LED indicator of the SmartShare 4K Nano RX	Description
Flashing blue	Waiting for connection
Static blue	Connected and start to presenting

Receiver Installation

1) Connect the RX with HDMI port of display.

2) Connect the type c port of RX to the TV USB port through the USB cable for power supply.
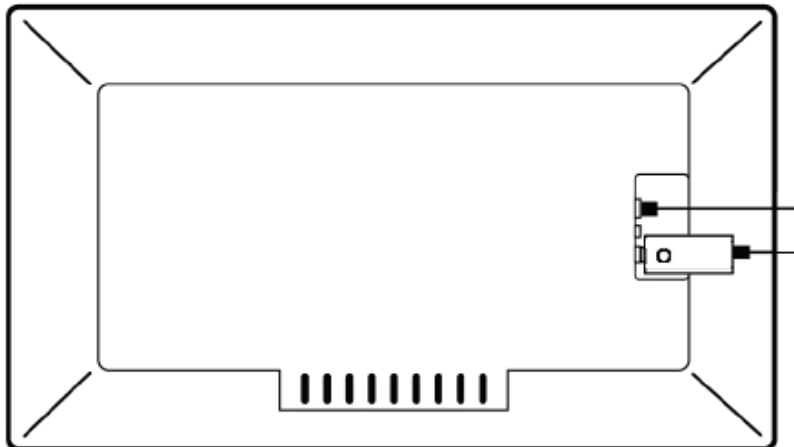
Remark: the power supply of RX is about 5V/0.5A. Please connect the RX with a power adapter if your TV can't supply enough power.

Pairing a transmitter and receiver

A standard SmartShare 4K Nano set includes one receiver and one transmitter, which are paired before shipment. Normally you don't need to pair them again.

Pairing instruction:
1. Power on receiver and connect with display and wait for RX to enter the home page.
2. Power on the TX and wait around 5-10seconds, the button light of TX will turn to flash red,

Then hold the reset button up to 3 seconds with a pin till the button flash fast for factory reset, then the TX will restart and the LED light will turn from red to flashing blue after 30s automatically.

Stream from TX:

SmartShare 4K Nano TX Installation

1. Connect the SmartShare 4K Nano TX's HDMI to PC HDMI port.

2. The LED indicator of the SmartShare 4K Nano TX will turn red when it's booting up.

3. The LED indicator will become blue and flash when SmartShare 4K Nano is ready to stream.

4. When it start casting, the LED indicator will become constant blue.

Remark: Some video source HDMI support 5V0.5A power in if the source devices HDMI with 5V output. If the source devices HDMI with 5V/0.5A power output, then no need connect USB cable for power.