



HDMI Wireless Extender Quick Installation Guide



Model: NW-200TR

▼ Disclaimer

- The specifications and information contained in this manual are for reference only, and the content and information are subject to change without prior notice.
- If other product or company names appear in the content of the manual, they are only used to describe the product description, and there is no intention of infringement.
- Nugens reserves the right to update this disclaimer at any time and shall not be liable for any damage or compensation caused by issues beyond our control or improper use.

▼ Warnings and Precautions

- The installation and use of this product must strictly abide by the electrical safety regulations of the country and the region of use.
- This product contains small parts. Please do not place it in areas where children can easily access it.

▼ Instructions

- After taking out the product, install it according to the installation manual.
- Please keep it away from heat sources and humid environments.
- Product performance may vary in different environments.

▼ Safety Instructions

Before using this product, please read and follow the instructions below to ensure safe operation.

- Please use the charging cable provided by the original factory to avoid damage to the product.
- Do not use the charging cable if it is damaged to avoid any potential hazards.
- Do not attempt to repair or disassemble any components of this product by yourself, otherwise it may cause product damage or personal injury, and will also invalidate the warranty of this product.
- Before cleaning this product, unplug the charging cable and turn off the power first.
- Please use a soft cloth to remove the dust on the lens; do not spray the cleaning fluid directly on the interface of the charging cable, to avoid infiltration and cause electric shock.
- Ensure good ventilation to avoid product overheating and damage.
- Use only DC12V for the power adapter. If using a third-party adapter, make sure the specifications are the same as the designated adapter.

Overview

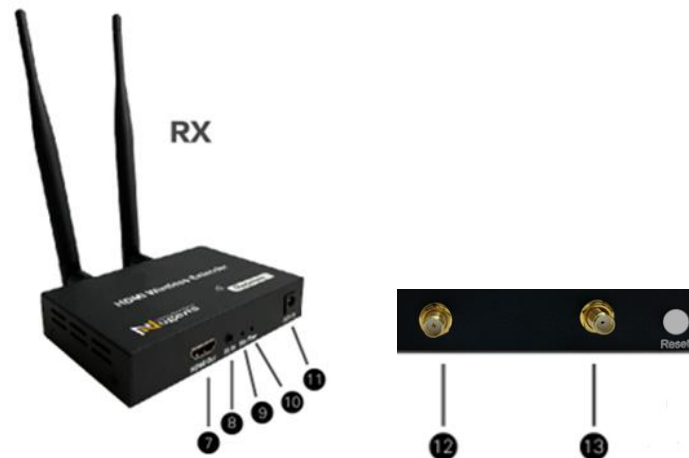
[Appearance]



- ① HDMI Input
- ④ Status Indicator

- ② HDMI Output
- ⑤ Power Indicator

- ③ Infrared Output
- ⑥ Power DC12V



- ⑦ HDMI Output
- ⑩ Power Indicator
- ⑬ Antenna Connector

- ⑧ Infrared Input
- ⑪ Power In DC12V

- ⑨ Status Light
- ⑫ Antenna Connector

Note: Reset Button is for engineering use only.


[Specification]

Video	HDMI/HDCP	HDMI V1.4 / HDCP V1.2
	Compression format	H.264
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	1920X1080@60Hz (Max.) FHD
	Connector	HDMI Type-A
	Impedance	100Ω
	Recommended HDMI Max. in/out range	When 1920 x 1080 @ 60Hz, <3m
Infrared	Interface	3.5mm IR port
	Signal direction	Unidirectional
	Signal type	Digital
	Signal frequency	20-60kHz
Wi-Fi	Wireless transmission max. power	13dbm
	Wireless transmission standard	802.11ac
	Signal direction	Unidirectional
	Wireless transmission frequency band	5GHz
	Transmission distance	200m
	Antenna type	Omnidirectional antenna
Port	Transmitter	HDMI In x1, HDMI Out x1, IR Out x1, Power In DC 12V x1
	Receiver	HDMI Out x1, IR In x1, Power in DC 12V x1
LED Indicator Light	Transmitter	Sta Status LED x 1 Pow Power LED x 1
	Receiver	Sta Status LED x 1 Pow Power LED x 1
Others	Power Input	DC 12V/1A
	Power	Transmitter/Receiver Max 9W
	Working temperature	-5°C ~ 70°C
	Working humidity	5% ~ 90%
	Product Size	117 x 82 x 25 (mm)
Package Contents	HDMI Transmitter TX x 1, HDMI Receiver RX x 1 External Antenna x 4, Power Transformer x 2 Infrared Transmitter x 1, Infrared Receiver x 1 Quick Installation Manual x 1	

Instructions

Thank you for purchasing the Nugens NW-200TR HDMI Wireless Extender.

- This product can connect up to 4 receivers with 1 transmitter, and a total can be displayed up to 4 displays.
- The transmitter and receiver are paired right out of the factory; a set of plug-and-play devices.
- Connect more than 2 receivers need to be paired manually, please refer to the pairing instructions.

 Note: You can identify the "Transmitter" and "Receiver" from the product.

Transmitter Connection

1. Connect the 2 antennas to the Antenna Connector.
2. Insert the power transformer into the power input hole on the front panel and connect the other end to the socket.
3. Connect the HDMI cable to the HDMI-in port of a computer or other player. If the transmitter needs to be connected to another display, connect the HDMI cable to the HDMI-Out port.

Receiver Connection

For Step 1 and Step 2, Antenna and power connection are the same as the transmitter, please refer to the above transmitter connection steps.
Step 3. Connect the HDMI cable to HDMI-Out of the TV, monitor and other display to complete the connection.

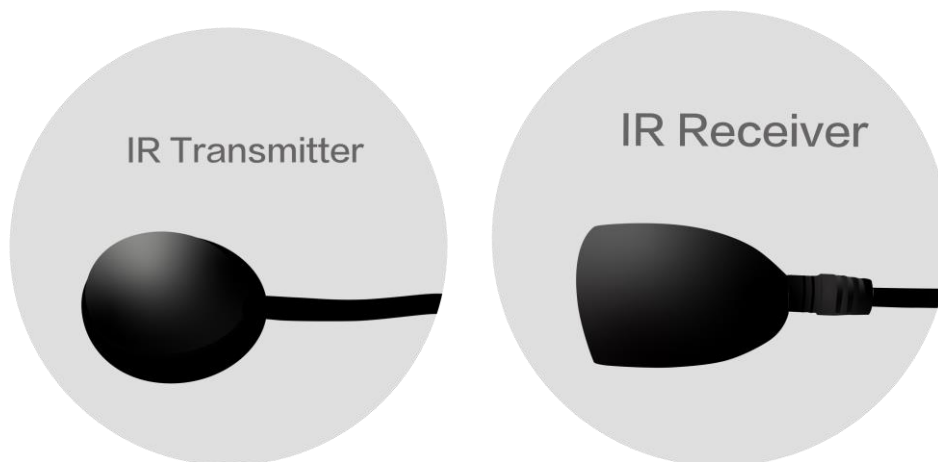


Infrared booster Transmitter/Receiver Connection

Connect the IR booster transmitter to the IR-Out port of the HDMI transmitter, and the other end to the IR receiver of the player (please refer to the player's user manual for the location of the IR receiver);

The infrared booster receiver is connected to the IR-In port of the HDMI receiver, and the other end is fixed in a position where the IR controller is visible.

Infrared booster



HDMI Transmitter and Receiver Pairing

1. Connect the transmitter and receiver to the power supply, connect the HDMI input interface of the transmitter to the HDMI transmission line, and connect the other end directly to the HDMI output interface of the receiver.
2. When the Sta working status indicator is on, press the Reset button on the transmitter, then press the Reset button on the receiver.
3. If the Sta working status indicators of the transmitter TX and the receiver RX flash at the same time, the pairing is completed.

Frequently Asked Questions

Problems	Solutions
The power light is off	<ul style="list-style-type: none">● Make sure the power transformer is connected correctly.● Make sure the power supply is not interrupted.
The display shows "Searching..." for a long time	<ul style="list-style-type: none">● Check if the transmitter is turned on.● Check that the transmitter is connected correctly.
No video or poor video quality	<ul style="list-style-type: none">● Check if the connectors and transmission cables are damaged, and make sure they are properly connected to the corresponding interfaces.● Check if the receiver is properly connected to the display device.● Make sure all equipment is within acceptable distance.
Infrared remote control not responding	<ul style="list-style-type: none">● Check whether the infrared booster and infrared receiver are connected correctly.● Check that the infrared booster and infrared receiver are firmly inserted into the right port.

Declaration of the Presence Condition of the Restricted Substances Marking

限用物質含有情況標示聲明書

Declaration of the Presence Condition of the Restricted Substances Marking

設備名稱 Equipment name：無線HDMI全自動影音傳輸器						
型號（型式）Type designation (Type)：NW-200TR						
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr ⁺⁶)	多溴聯苯 Poly brominated Biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers(PBDE)
外殼	○	○	○	○	○	○
天線連接組件	○	○	○	○	○	○
電路板組件	○	○	○	○	○	○
其它固定組件(螺絲)	○	○	○	○	○	○
<p>備考1. “超出 0.1 wt %” 及 “超出 0.01 wt %” 係指限用物質之百分比含量超出百分比含量基準值。 Note 1: “Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.</p> <p>備考2. “○” 係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2: “○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.</p> <p>備考3. “—” 係指該項限用物質為排除項目。 Note 3: The “—” indicates that the restricted substance corresponds to the exemption.</p>						

茲切結保證所提供之商品限用物質含有情況標示內容係經執行測試作業或採適當之品質管理措施，並備置前述相關文件，確認正確無誤後提供貴局。並同意配合貴局執行後市場管理作業所需，依商品檢驗法第49條之規定，於限期28個工作天內提供相關證明文件以供審查。

I hereby ensure that “the presence conditions of the restricted substance” provided above have been proved by testing or appropriate quality control measures, and make sure the relevant documents provided are correct and ready. Also, I agree to cooperate with BSMI, as the Article 49 of the Commodity Inspection Act stipulates, to provide the relevant documents, if needed, for verification within 28 working days when BSMI carries out the market surveillance activities.

Warranty Card



保固卡 Warranty Card

詳細保固條款請參閱官網，本公司保有調整之權利。

详细保固条款请参阅官网，本公司保有调整之权利。

Nugens reserves the right to change or to add at any time the warranty options available to you, please refer to Nugens official website.

詳しい保証項目は公式サイトをご覧ください。当社は項目を調整する権利を持っています。

www.nugenstech.com



感謝您購買NUGENS產品，請立即註冊始享有完整保固服務。

保固註冊序號如下或於機身SN(部分產品貼於外包裝)

Thank you for purchasing NUGENS products, please register now to enjoy full warranty service.

The warranty registration serial number is as follows or located on the device's S/N label. (Some S/N are attached to the outer packaging)

NUGENS 製品をお買い上げいただきありがとうございます。

完全な保証サービスを受けるには、今すぐ登録してください。

保証登録シリアルナンバーは下記または本体シリアルナンバーラベル
(一部商品は外装に貼付)



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