

# **AVP-DE1K-100 & AVP-EN1K-100 User Manual**

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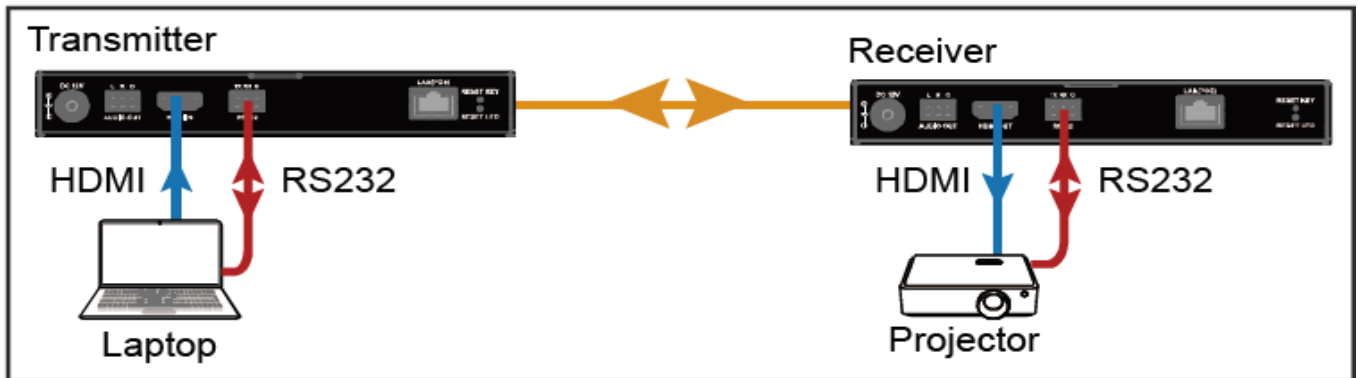
**Version 1.0**

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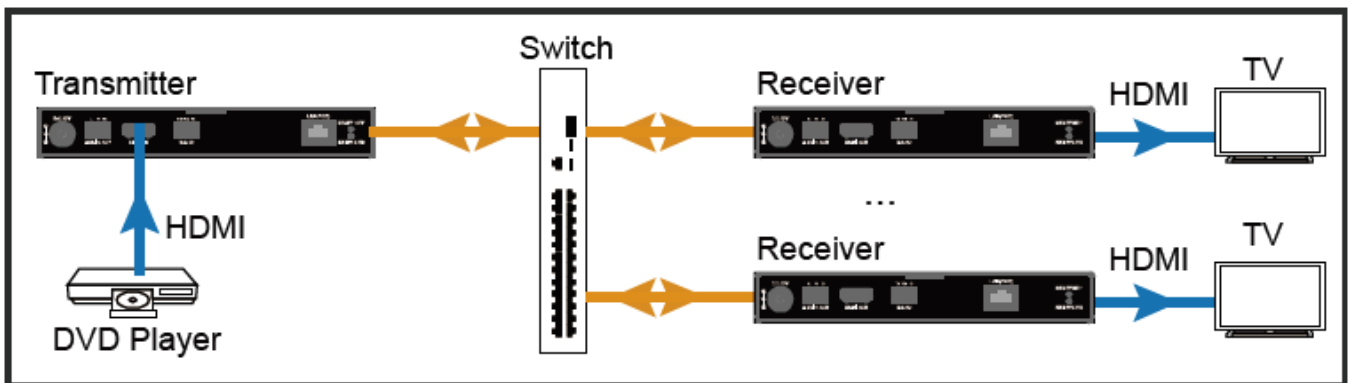
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# 1. Application

## (1)1-1: Extender



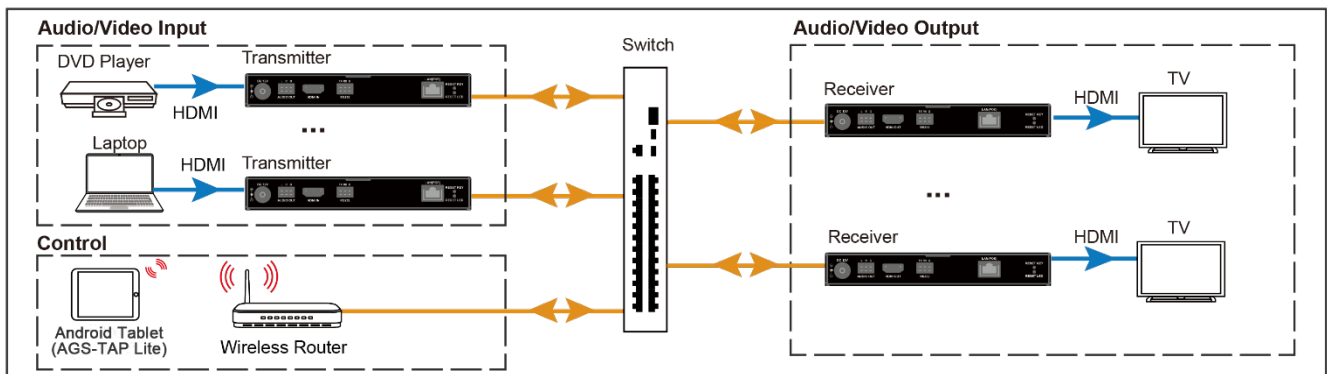
## (2)1 - n: Splitter



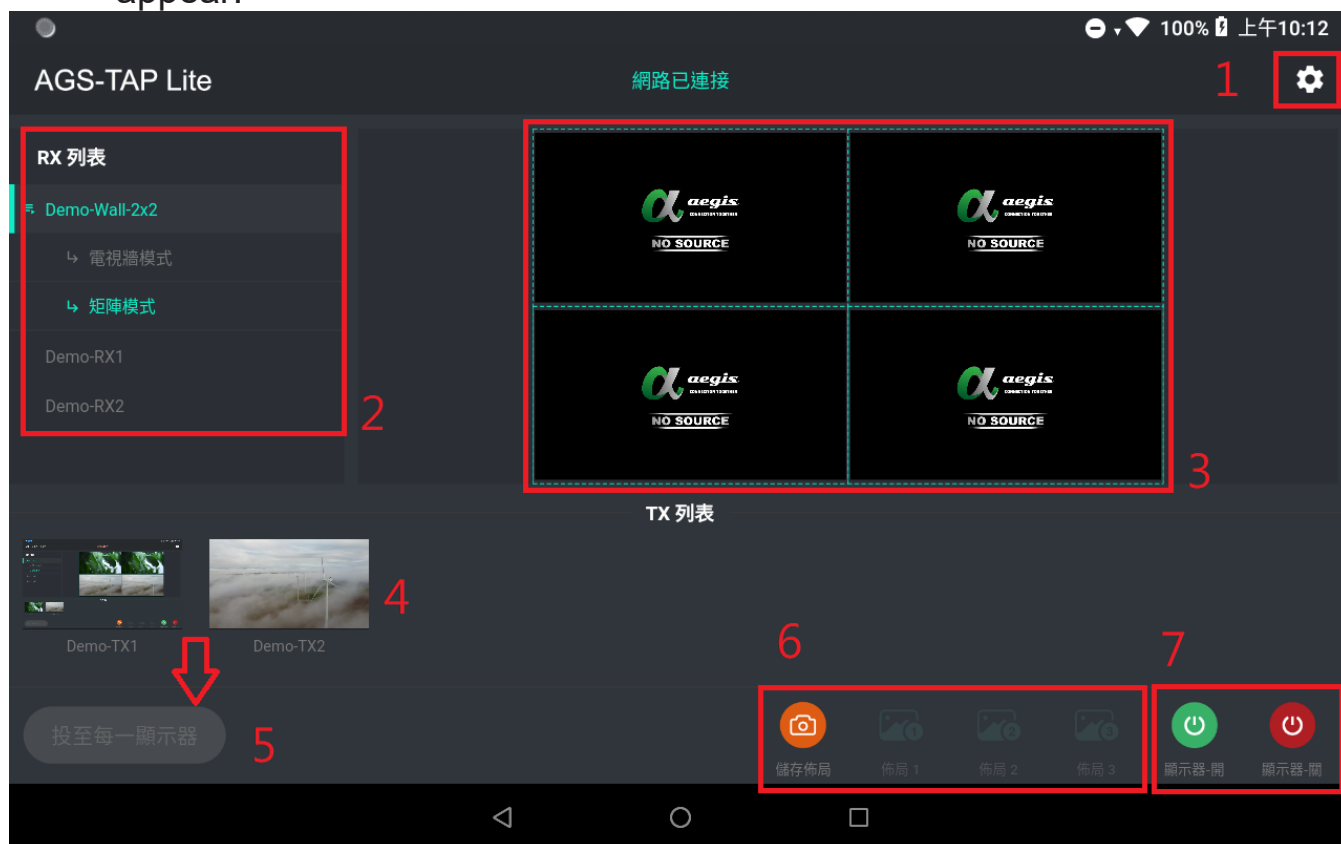
## (3)m - n: Matrix/Video Wall

To configure the matrix and video wall, perform the following:

- (1) Scan the QR code or search "AGS-Tap Lite" in the App store to install AGS-Tap Lite using your phone or tablet PC. Apple GooglePlay
- (2) Connect all transmitters, receivers, and the wireless router to the network switch according to the following diagram shown:



(3) Configure the wireless router properly, and then connect your phone/tablet PC to the Wi-Fi network. Then launch AGS-Tap Lite, AGS-Tap Lite will start searching for online devices, and the following main screen will appear:



No.	Name	Description
1	System Configuration Button	Click this button to enter the system configuration page for the functions: (1) Naming and Sorting. (2) Video Wall Settings. (3) Advanced Settings. (4) System Information.
2	RX List	Shows the list of online RX devices, including single devices and devices for video walls.
3	RX Preview	Shows the live preview of current RX assignments.
4	TX List	Shows the IP stream's live preview from the TX device.
5	To All Screens	Drag a TX from the TX list over this button means the switching of this TX to all RX devices in the RX list, including video walls.
6	Save Screens Layout	Save the planned screen layout for a fast call-

		out to use later.
7	Display On/Off	Display On: Turn on all RXs' displays. Display Off: Set all RXs' displays to standby state.

## 2. Specifications

Video	
Input Port	1 x HDMI
Input Resolutions	up to 1080P@60Hz
Output Port	Output Port
Output Resolutions	up to 1080P@60Hz
Video Protocol	H.265 Video Compression
Audio	
Input Port	1 X HDMI
Output Port	1 X LAN, 1 X 3.5mm Line Out
Audio Format	MPEG4-AAC and LPCM Stereo
Control	
Control Method	AGS-TAP Lite (Android APP, and Windows Application)
General	
Operating Temperature	0°C ~ +45°C (+32°F ~ +113°F) 10% ~ 90%, non-condensing
Storage Temperature	-20°C ~ +70°C (-4°F ~ 140°F) 10% ~ 90%, non-condensing
Power Supply	DC12V 1A /PoE
Power Consumption	5W (Max)
ESD Protection	Human body model: ±8kV (air-gap discharge) ±4kV (contact discharge)
Product Dimension (W x H x D)	175mm x 25mm x 100.2mm/6.9" x 0.98" x 3.9"
Net Weight	0.60Kg/1.32lbs

### 3. Package Contents

1 X Transmitter / Receiver,  
1 X Power Adapter (DC 12V 1A),  
1 X Exchangeable US Plug,  
2 X Phoenix Male Connectors (3.5 mm, 3 Pins),  
2 X Mounting Ears (with Screws).

### 4. FAQs

(1) Do the network switch and the wireless router require specific settings?

The network switch doesn't require specific settings. If the wireless router enables the DHCP function, ensure the IP address doesn't start with "169.254.X.X".

(2) Why can't the AGS-Tap Lite find online devices?

Ensure the network switch's broadcasting function is not disabled intentionally.

(3) Do the transmitter and receiver support RS232 routing?

Yes. RS232 and audio routing will always follow video routing.

(4) Is it also available to configure a video wall in the 1-n application?

Yes.

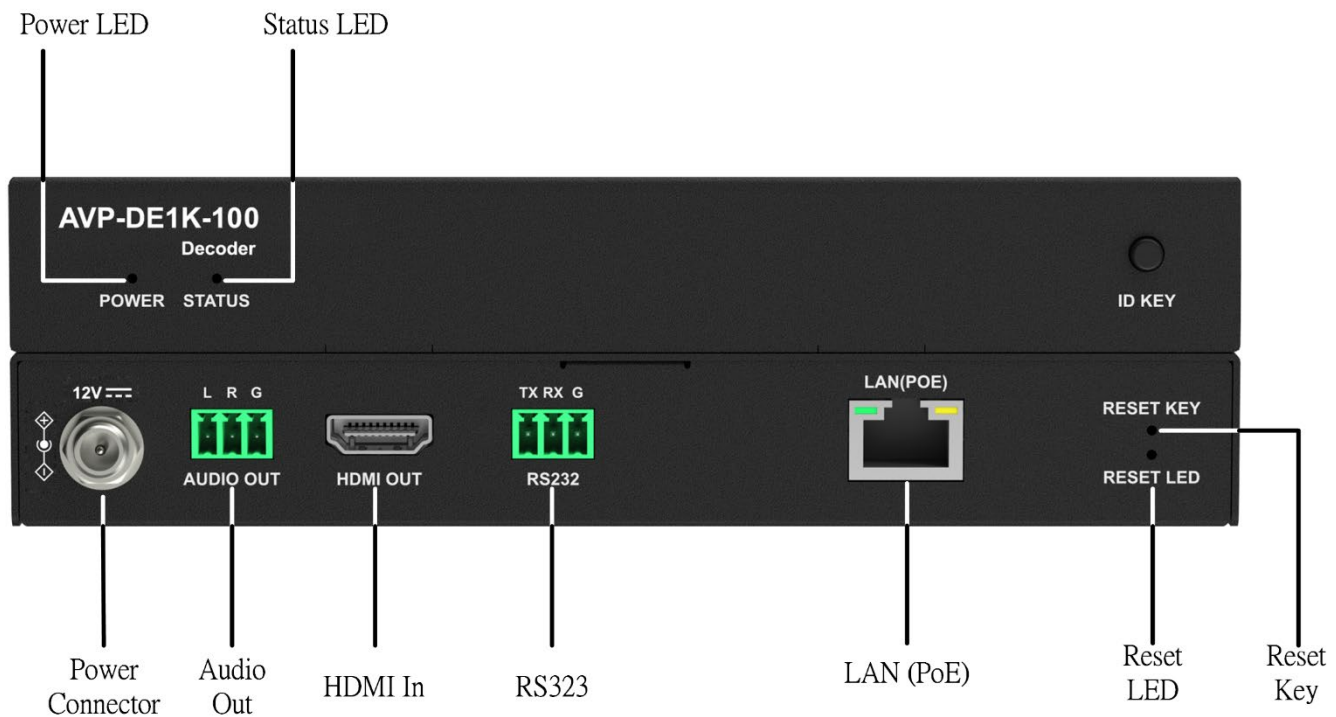
(5) What about the networking size?

Limitless except that one transmitter can't be watched by more than 50 receivers at the same time. Note: As the number of watching receivers increases, the end-to-end latency increases accordingly.

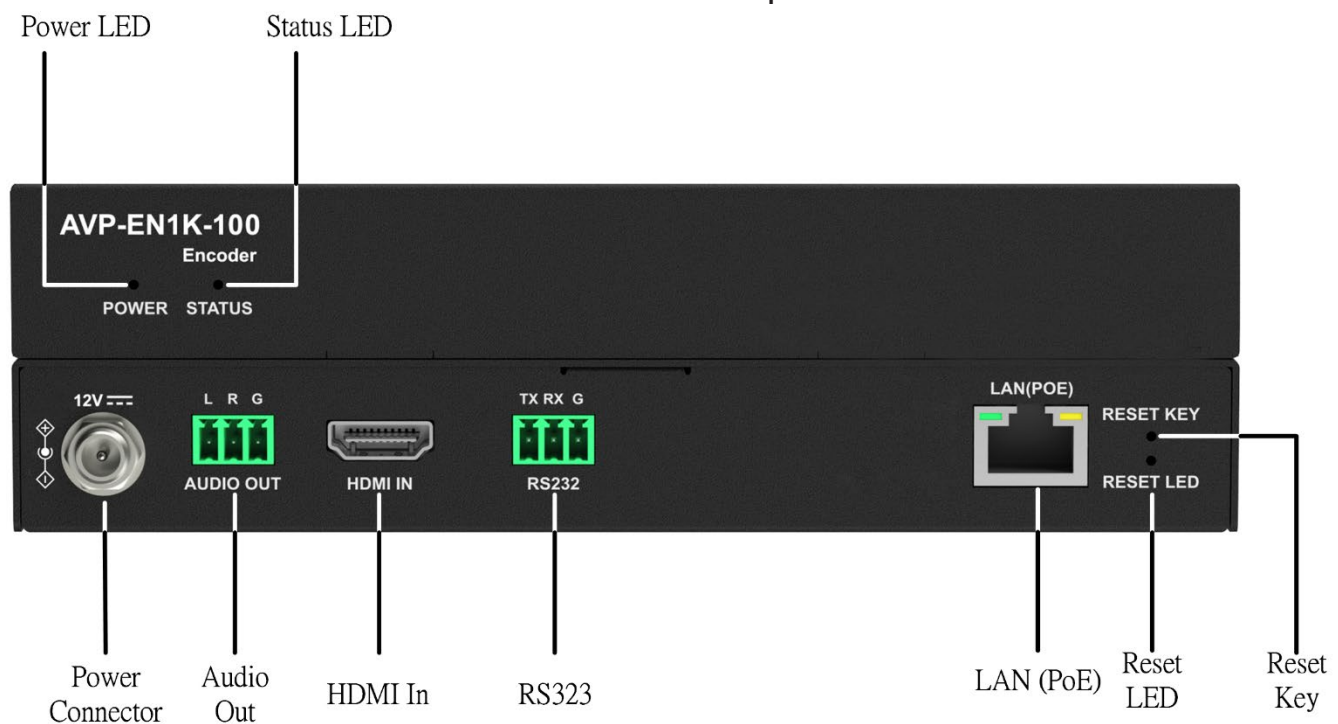
(6) May I change the matched transmitter for a receiver without using the AGS-Tap Lite app?

Yes. The matched transmitter will change by simply holding on to the ID key in the front panel of a receiver for 2 seconds.

## 5. Panel Layout



AVP-DE1K-100 panel



AVP-EN1K-100 panel