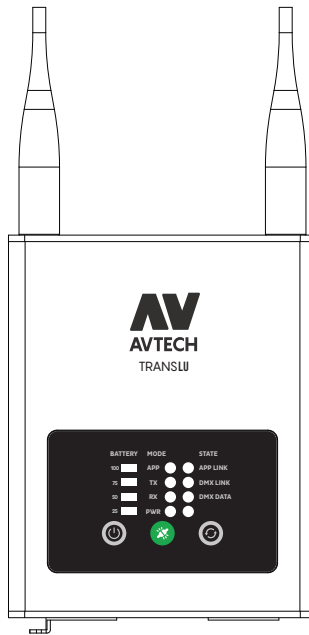


TRANSLU

WDMX & APP TRX



USER MANUAL

Please read carefully before use

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

CATALOGUE

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SAFETY INFORMATION

1. Please read these instructions and safety instructions carefully before using this product.
2. Keep these instructions for future reference.
3. Never plug the product into the mains supply while it is still in its packaging. Never cover during use.
4. Only use indoors and in dry spaces, except where otherwise explicitly stated.
5. Verify that the product has not been damaged in transport before you make use of it.
6. Keep the product out of the reach of animals, children and persons who require supervision.
7. This product is intended for professional use only.
8. Always place the product on a stable, solid and flat base or safely secure it.
9. Do not use the product near hot surfaces or objects.
10. The mains cable must be regularly and carefully checked for damage to the cable, the plug and other parts. In the event of damage, the product must not be used until the mains cable has been replaced. If the product needs to be cleaned, the adapter or mains cable must be disconnected from the mains supply.
11. Repairs must only be carried out by a qualified person.
12. Note that the connected voltage and current corresponding to the sticker on the product.
13. Never submerge the product or the mains cable in water or any other liquid, in order to prevent electric shocks, fire, injury and other hazards.
14. Never carry the product by the cables and do not put the cord around sharp edges.



- This device is suitable for indoor use only.
- All modifications to the device will void the warranty.
- Repairs are to carry out by skilled personnel only.
- Use only fuses of the same type and original parts as spare parts.
- Protect the unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature

Avoid exposing it to direct rays of the sun or near a heating appliance.

Not put it in a temperature bellow 32°F /0°C, or exceeding 131°F /55°C.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.

Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

Important: Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

GENERAL PRODUCT INFORMATION

1. Standard Configuration

- 1x WDMX & APP TRX
- 1x Power cable

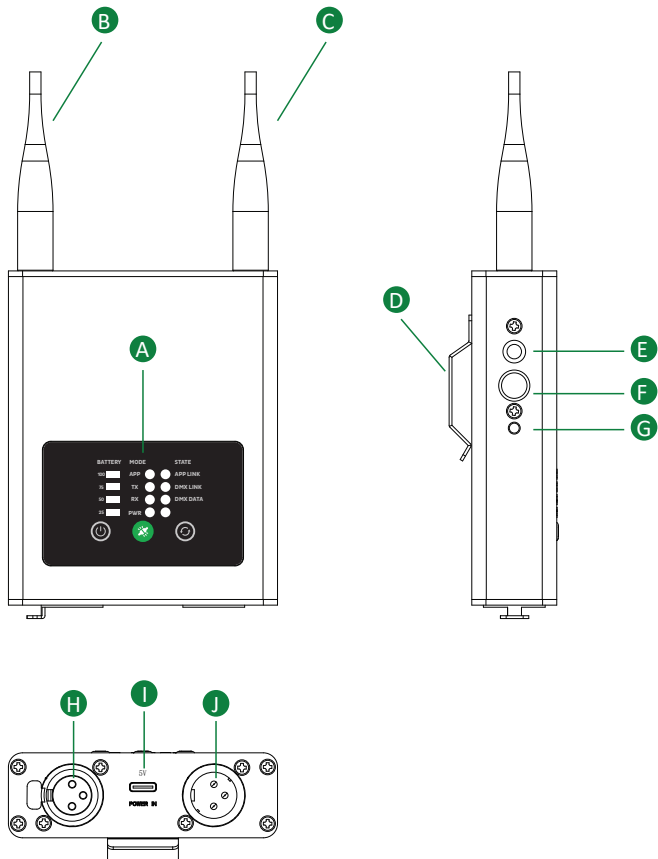
2. Control Functions

- CRMX Wireless DMX
- VISION APP

3. Features

- Input protocols: DMX 512 and RDM ANSI E1.20 (2)
- DMX Structure: 1 universes
- Number of DMX channels: 512 channels
- DMX latency: < 5 ms
- Max. Universes in coexistence: 32
- Input/Output opto isolation
- Error correction (Invisi-Wire)
- W-DMX G3 & G4S compatibility: 2.4 GHz, 5.2 & 5.8 GHz (1)
- Standard range: Up to 500 meters (line of sight)
- Normal Power Mode 2.4 GHz: 100mW
- Maximum Power Mode 2.4 GHz: Up to 450mW
- DMX Connectors: 3 pin input and output
- DC Input: Type-C 5V
- Supplied Accessories: 3dBi, black directional antenna
- Charge time: 6H
- Discharge time: 220H@APP, 88H @TX, 440H@RX
- Bluetooth transmission frequency: 2.360GHZ to 2.500GHZ
- Transmitting power: +8dBm ~ -20dBm
- Receiving sensitivity: -103dBm@BLE 125kbps, -95dBm@BLE 1M
- Bluetooth antenna: 3dBi, black directional antenna
- Net Weight: 0.42KG
- Packed Dimensions: W x D x H: 95 x 193 x 38 mm
- Temperature Range: -20 °C-45 °C
- IP Rating: IP20

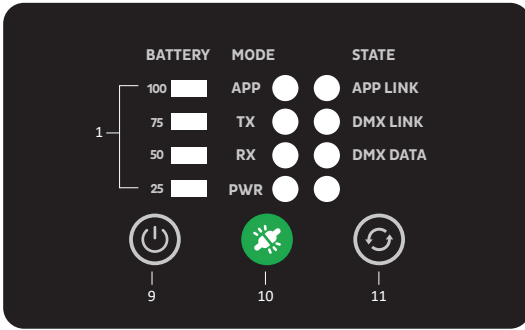
PRODUCT VERVIEW



- A: Control Panel
- B: Bluetooth Antenna
- C: Wireless Antenna
- D: Back clip
- E: 1/4 holes
- F: M10 holes
- G: M4 holes
- H: DMX OUT
- I: Power in (Type-C) DC5V-2A
- J: DMX IN

USER INTERFACE

Though the interface display appears simple, there is a lot of information you can read back, which will help you properly set up your system and help you understand how your devices are operating.



1. Battery Indicator

When charging, the indicator lights up from bottom to top. When the 25/50/75/100 lights are on, the device is at the corresponding power level.

2. APP Indicator

When the indicator lights up, the device is in App mode.

3. TX Indicator

When the indicator lights up, the device is in Transmit mode.

4. RX Indicator

When the indicator lights up, the device is in Receive mode.

5. PWR Indicator

When the device is powered on, the indicator lights up.

6. APP LINK Indicator - App Networking

Off – No network link and not connected to the app

Slow blink – Active connection to the app

Solid on – Linked to a network, waiting for app connection

7. DMX LINK Indicator - DMX Mode

- When a signal cable is plugged in, the indicator lights up steadily.
- Flashes rapidly - Connecting status.
- Flashes once - G3 Mode

- Flashes twice - G4S Mode
- Flashes three times - CRMX Mode

8.DMX DATA Indicator

When a signal cable is plugged in, the indicator lights up steadily.

9.Power Button

Press and hold for 3 seconds to power on the device (automatically returns to the last power-off mode).

10.Link Button

1. Press and hold in an existing mode to clear settings; the light turns off to indicate a successful clear.

2. In W-DMX mode, to select G3, G4S, or CRMX mode under TX, you can switch between them using the *CRMX Toolbox2 app**, or by quickly pressing the Link button three times and then pressing and holding the LINK button to switch modes (the DMX indicator flashes).

●In this mode, each press of the Link button switches between modes. The DMX indicator flashes once for G3 mode, twice for G4S mode, and three times for CRMX mode. After selecting a mode, press and hold the LINK button. The DMX indicator turns off until it flashes again, indicating the selected mode.

3.Press twice quickly and then press and hold to toggle Bluetooth on and off.

!!Note: Do not hold down the LINK button to power on the device.

If the device is powered off and in TX/RX mode, holding down the LINK button and then pressing the power button will enter programming mode.

The DMX indicator will flash slowly during programming mode. You can press the mode switch button to switch to APP mode or simply power off the device to exit programming mode (the DMX indicator will turn off to indicate a successful exit).

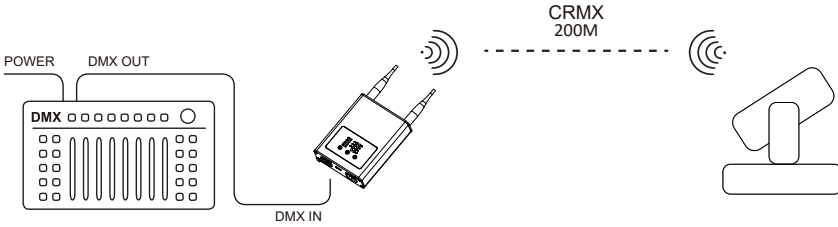
**If you cannot exit programming mode, please use the CRMX Toolbox2 app to update the wireless program.*

11.Switch Button

Short press this button to switch between APP/TX/RX mode.

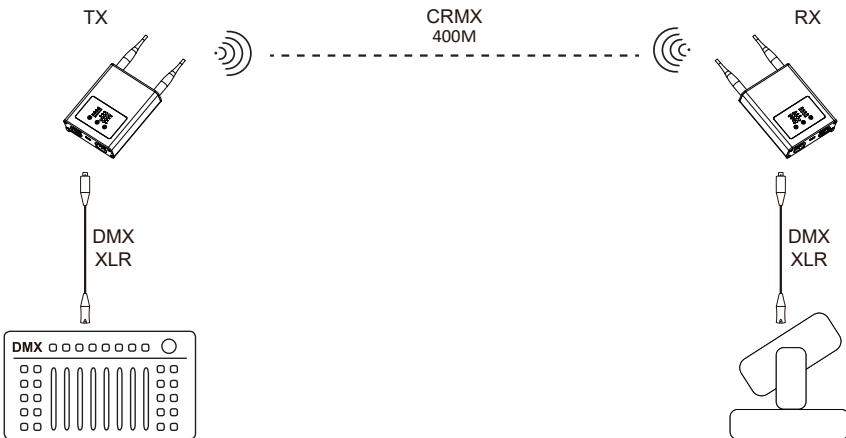
TX MODE

- ① Connect the TRANSLU's DMX XLR connector to the console.
- ② Open the Receiver on a wireless-enabled fixture.
- ③ Press the Link button on the TRANSLU.
- ④ Once the TRANSLU is connected to the fixture, you can use it directly from the console.



RX MODE(TWO TRANSLU'S CONNECTED)

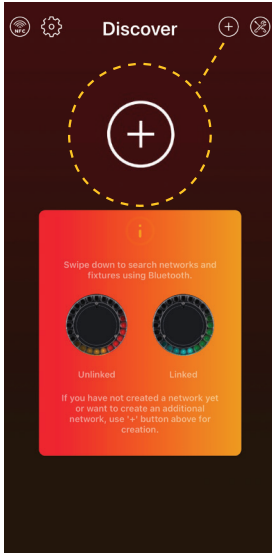
- ① Connect the *TRANSLU_TX* DMX connector to the console.
- ② Switch the *TRANSLU_RX* to RX mode.
- ③ Press the Link button on the *TRANSLU_TX* to connect to the *TRANSLU_RX*.



APP MODE

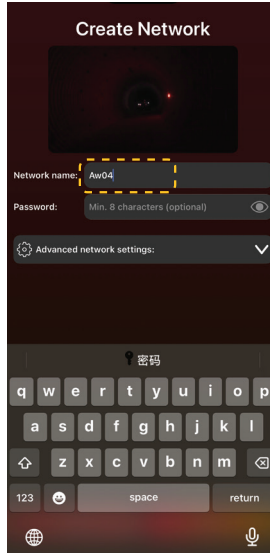
Please note:when use the APP MODE,must be put the device TRANSLU (DMX Gateway) and all lighting fixtures in VISION Mesh protocol,please reference the below instruction.

TRANSLU and lighting networking process



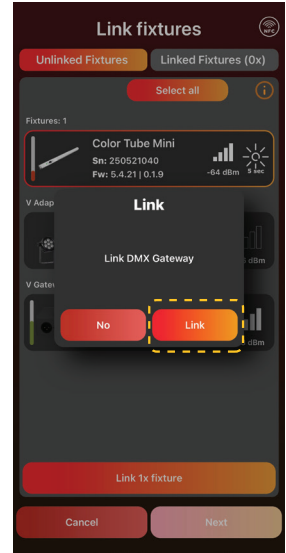
①

Click the + sign in the upper right corner to create a network.



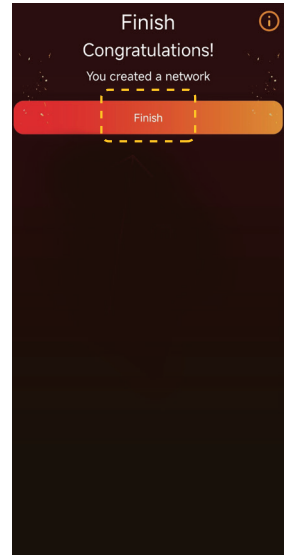
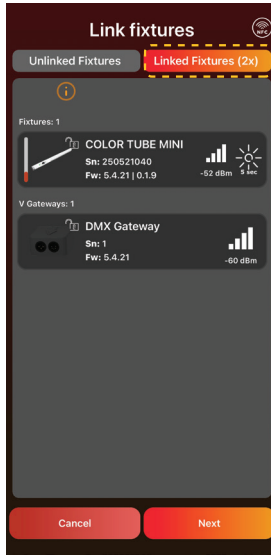
②

Enter a network name (optionally add a password) to establish the network.



③

Select the device (DMX Gateway) to connect to the network.

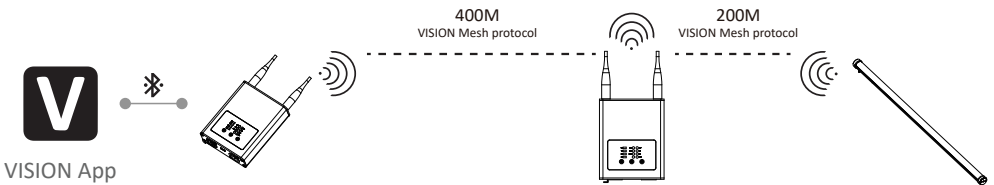
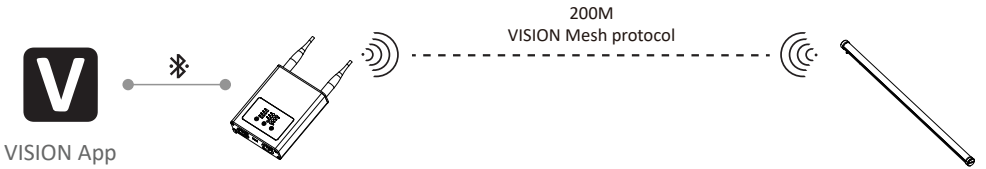


④

Add the lighting fixtures you want to connect to the network

⑤

Click finish to complete the network setup

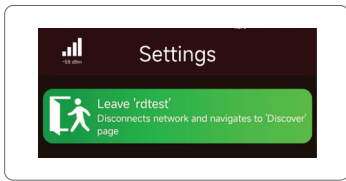


Use the Vision App protocol for wireless DMX control

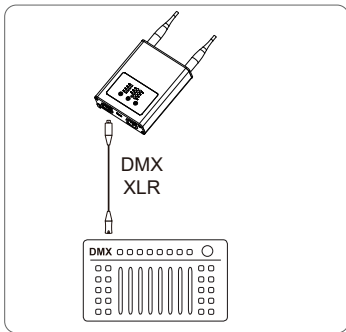
If your fixtures do not support CRMX but are compatible with Vision App Control, you can still achieve reliable wireless DMX using this method.



① Network the TRANSLU with the desired lighting fixtures in the VISION app.

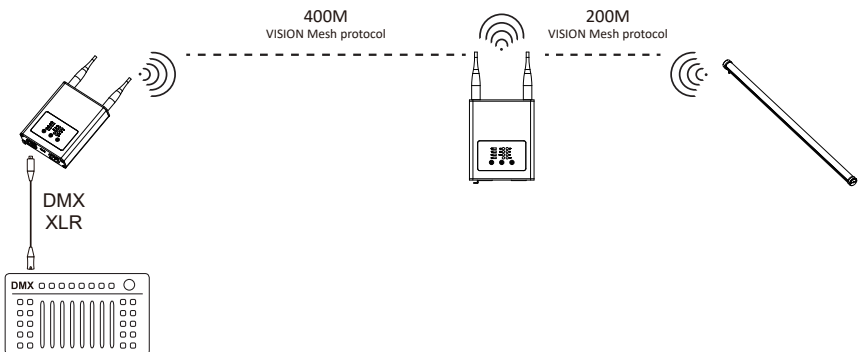


② Exit the current network in the VISION app's Settings page.

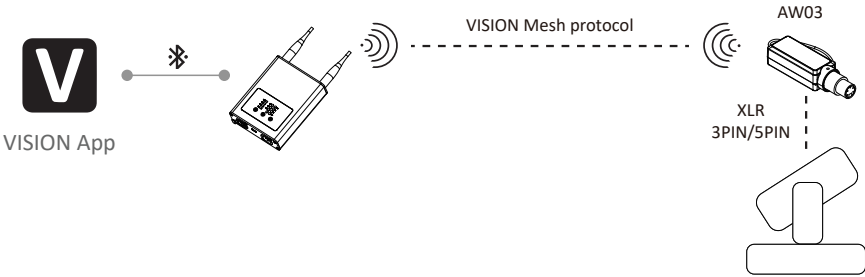


③ Connect the TRANSLU to the console via a DMX XLR connector.

The console will then control the lighting fixtures based on their channel mode.



If your lamp does not have VISION Bluetooth module and wireless function, you can use it with our additional products AW03.



COMPATIBILITY

There has been two major wireless DMX systems on the market for a while - CRMX® and W-DMXTM.

They have historically not been fully compatible due to different technologies being used. But CRMX receivers have been able to receive the W-DMX G3 protocol. However, your new CRMX Aurora or CRMX Luna can be operated in different modes when in transmitter mode;

1. CRMX - transmit CRMX data to compatible receivers.
2. W-DMX G3 - transmit W-DMX G3 protocol.
3. W-DMX G4S - transmit W-DMX G4S protocol.

For W-DMX receivers, please use the W-DMX G3 mode for maximum compatibility. Note: This mode can also be used with CRMX receivers, but security and DMX fidelity is not as good as when running CRMX mode.

Mode	CRMX receivers	Older CRMX receivers	W-DMX receivers
CRMX	Yes	Yes	No
W-DMX G3	Yes	Yes	Yes
W-DMX G4S	Yes	No	Yes

When operated as receivers, CRMX Aurora and CRMX Luna will automatically detect and link using the protocol used by the transmitter at the time of linking.

Linking key

What is Linking Key

The Linking Key is a user-defined 8 digit key code. It can be used as a password to the link credentials of a CRMX link. It can be used to tell two (or more) different transmitters to set up identical links. This is what we call cloned transmitters.

It can also be used to link a receiver to a transmitter that has an active link using the same linking key. This allows for easy addition of a receiver to a network where the transmitter might be inaccessible for instance, without the need to initiate a linking process from the transmitter.

Cloning transmitters

By cloning transmitters, by entering the same Linking Key into both transmitters, you can place them at separate physical locations and move receives between the locations without the need to relink.

Note: It is important that the transmitters are separated, otherwise receivers may end up creating a link with any of the transmitters, which may lead to undefined behaviour.

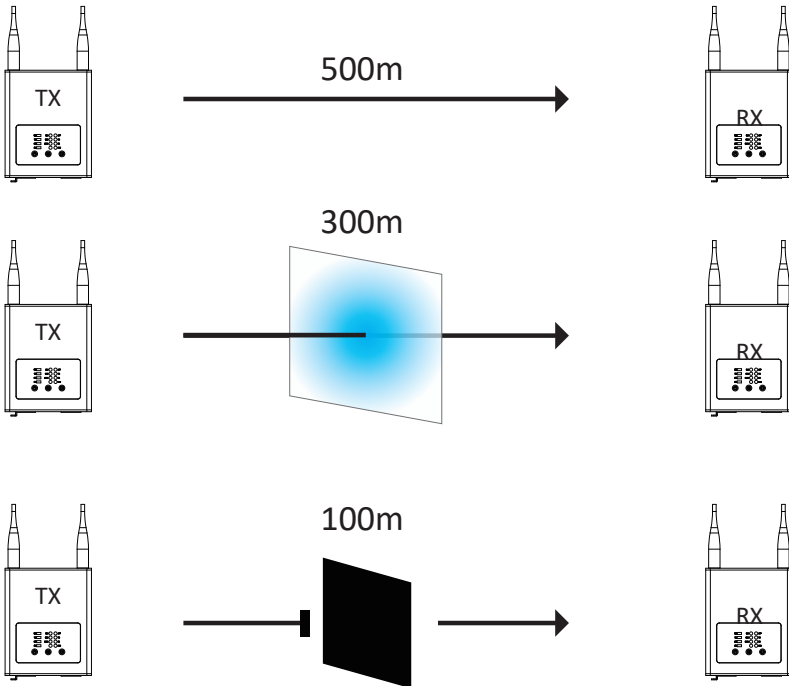
Linking an RX by Linking Key

In receivers that supports it, it is possible to enter the linking key of the transmitter to join that network without the need for performing a linking procedure from the transmitter.

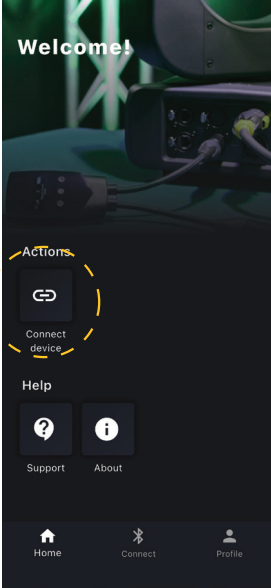
Enter the same Linking Key into the receiver as you have entered into the transmitter and the receiver will automatically link to the transmitter when it is within range.

TIPS & TRICKS

There are limitations to how wireless waves propagate through air. Physical barriers like glass, concrete and walls will limit the transmission range. Always try to have clear line-of-sight between transmitters and receivers.



CHANGING THE WIRELESS TYPE IN THE BLUETOOTH APP



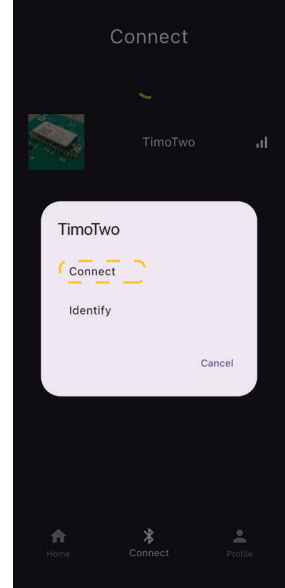
①

Access the CRMX Toolbox app and select Connect.



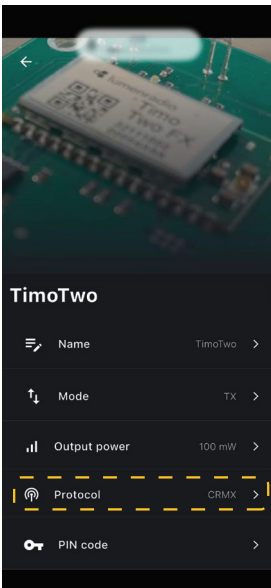
②

Search for nearby connectable products and tap to select the desired product.



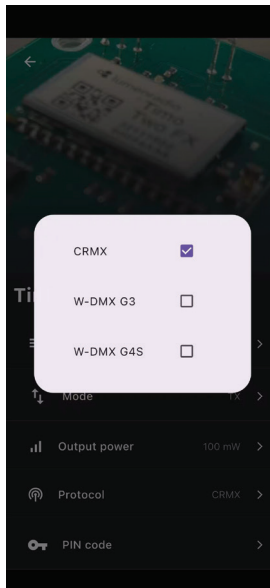
③

Click the link.

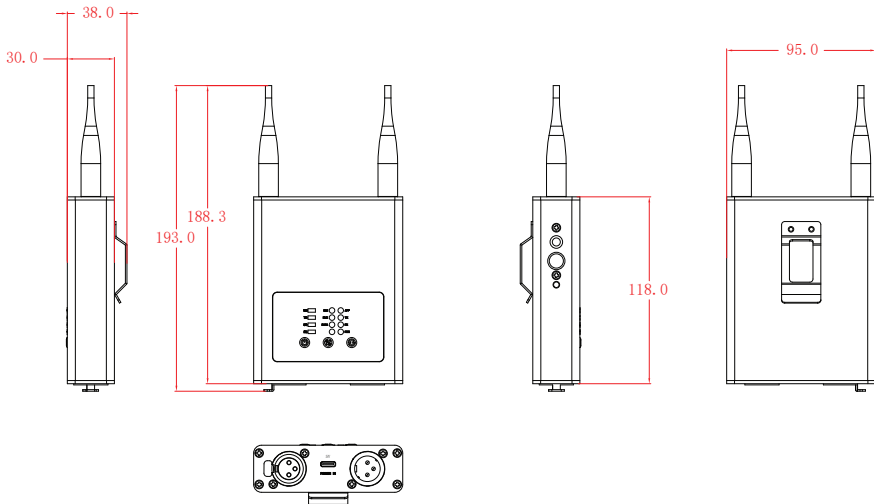


④

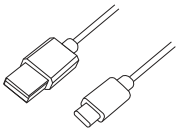
After successful connection, access the product page and tap Protocol to select the desired wireless type.



MECHANICAL SPECIFICATION

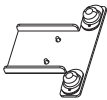


ACCESSORY

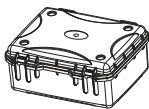


Power cable

OPTIONAL ACCESSORIES



Splicing block



Charging case