

CU-CAT Video Board

User Manual

[Note] The pictures of Optical Engine and control unit used in this manual are for reference only. If there is something different from the actual product, please subject to the actual product.

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1. Safety Instructions

Always follow these safety instructions when setting up and using the CU-CAT Video Board

1 Operation

- 1.1 Please use the product in the recommended operating environment.
- 1.2 Do not place product in tilted position.
- 1.3 Do not place the product on an unstable trolley, stand or table.
- 1.4 Do not use this product near water or source of heat.
- 1.5 Use attachments only as recommended.
- 1.6 Use the type of power source indicated on the CU-CAT Video Board. If you are not sure of the type of power available, consult your distributor or local electricity company for advice.
- 1.7 Always take the following precautions when handling the plug. Failure to do so may result in sparks or fire:
 - Ensure the plug is free of dust before inserting it into a socket.
 - Ensure that the plug is inserted into the socket securely.
- 1.8 Do not overload wall sockets, extension cords or multi-way plug boards to avoid potential risks.
- 1.9 Do not block the slots and openings in the case of CU-CAT Video Board . They provide ventilation and prevent the CU-CAT Video Board from overheating.
- 1.10 Except as specifically instructed in this User Manual, do not attempt to operate this product by yourself. Opening or removing covers may expose you to dangerous voltages and other hazards. Refer all servicing to licensed service personnel.
- 1.11 Unplug the CU-CAT Video Board from the wall outlet and refer servicing to licensed service personnel when the following situations happen:
 - If the power cords are damaged or frayed.
 - If liquid is spilled into the Product or the Product has been exposed to rain or water.

2 Installation

- 2.1 For security considerations, please ask technician personnel approved by agents to install it.
- 2.2 Potential difference should be checked with a meter before installation to avoid equipment damage and personal injury due to electric shock. <Note> Please refer this task to a qualified technician to avoid potential risks.
 - Before you connect and control the video signal, use the meter to verify the connectors or device to be connected for any potential difference.
 - Measure the RS-232, DVI, VGA or video signal connectors of the device to be connected using the meter. (For measurement method, please refer to FAQ).
 - If the measured potential difference is more than 10 V, please contact qualified service personnel for troubleshooting.

- Using the device at a potential difference of larger than 10 V may cause risk of device damage and electric shock.

3 Storage

- 3.1 Do not place the Product where the cord can be stepped on as this may result in fraying or damage to the lead or the plug.
- 3.2 Never push objects of any kind through cabinet slots. Never allow liquid of any kind to spill into the Product.
- 3.3 Unplug this product during thunderstorms or if it is not going to be used for an extended period.
- 3.4 Do not place this product or accessories on top of vibrating equipment or heated objects.

4 Cleaning

- 4.1 Unplug all the cables before cleaning. Use a damp cloth for cleaning. Do not use liquid or aerosol cleaners.

5 Battery Warnings (RTC Battery)

- 5.1 Using the wrong model of battery may lead to explosion. Please check with the original manufacturer and handle the old battery properly.

6 Remote control (if the accessories are equipped with remote control)

- 6.1 Using an incorrect battery type in the remote control may result in breakdown. Follow local instructions on how to dispose of used batteries.

■ Precautions

Warning: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

	<table border="1"><tr><td>Note</td></tr><tr><td>Risk of Electric Shock Do not remove cover</td></tr></table>	Note	Risk of Electric Shock Do not remove cover	
Note				
Risk of Electric Shock Do not remove cover				
Caution: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to licensed service personnel.				

This is a Class A product. In a residential environment it may cause radio interference, in which case the user may be required to take adequate measures. The typical use is in a conference room, reception room or hall.

2. Package Contents

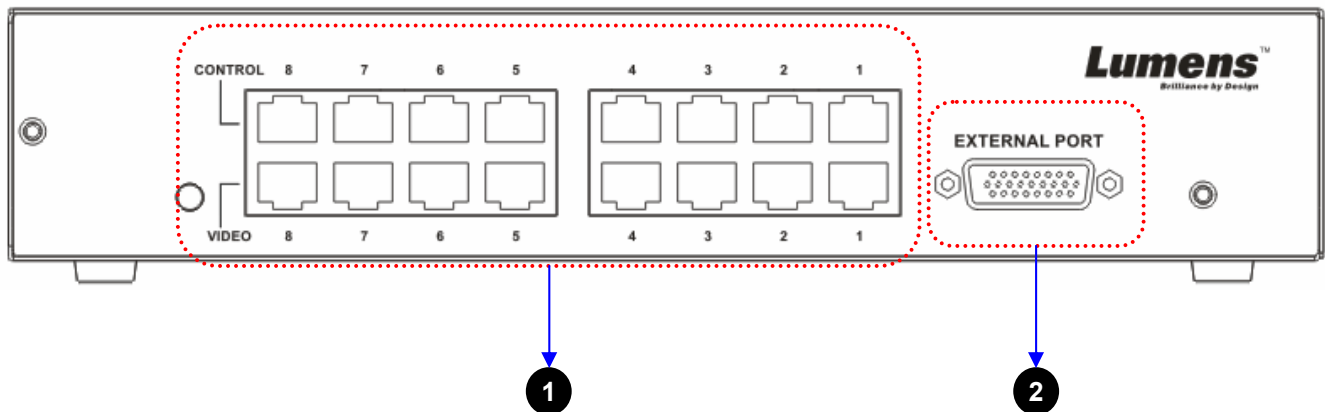
The following accessories are included:

- 2.1. Power cord
- 2.2. Power Adapter
- 2.3. RJ-45-DVI adapter (2 to 1) 8 PCS (note)
- 2.4. Metal Plate

Note 1: The connecting wire shall be a 30 m long CAT6 network cable

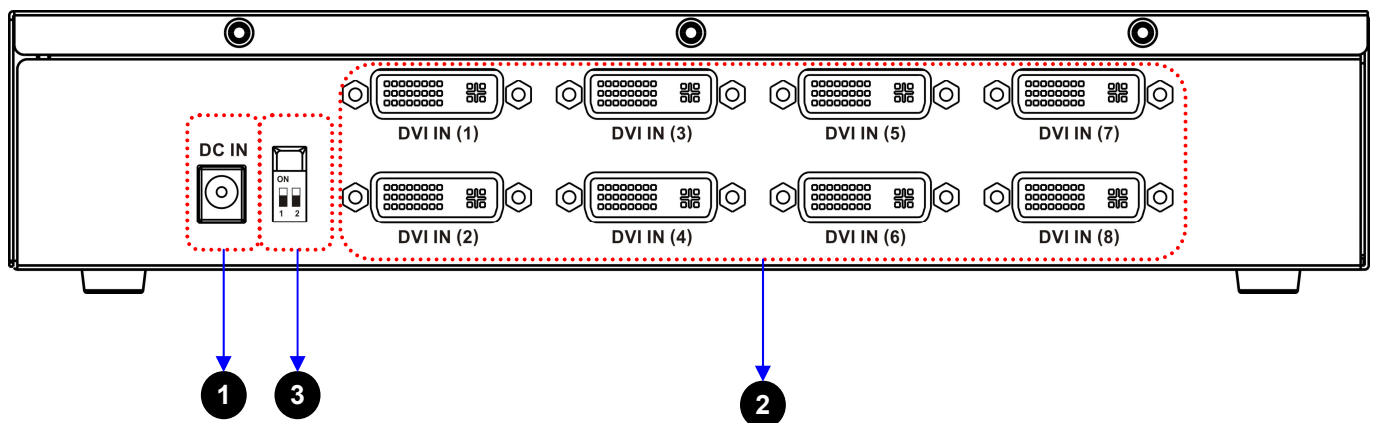
3. Port Description

3.1. Front View



1. RS-45 output port (with CAT6 network cable)
2. Expanded port

3.2. Back View

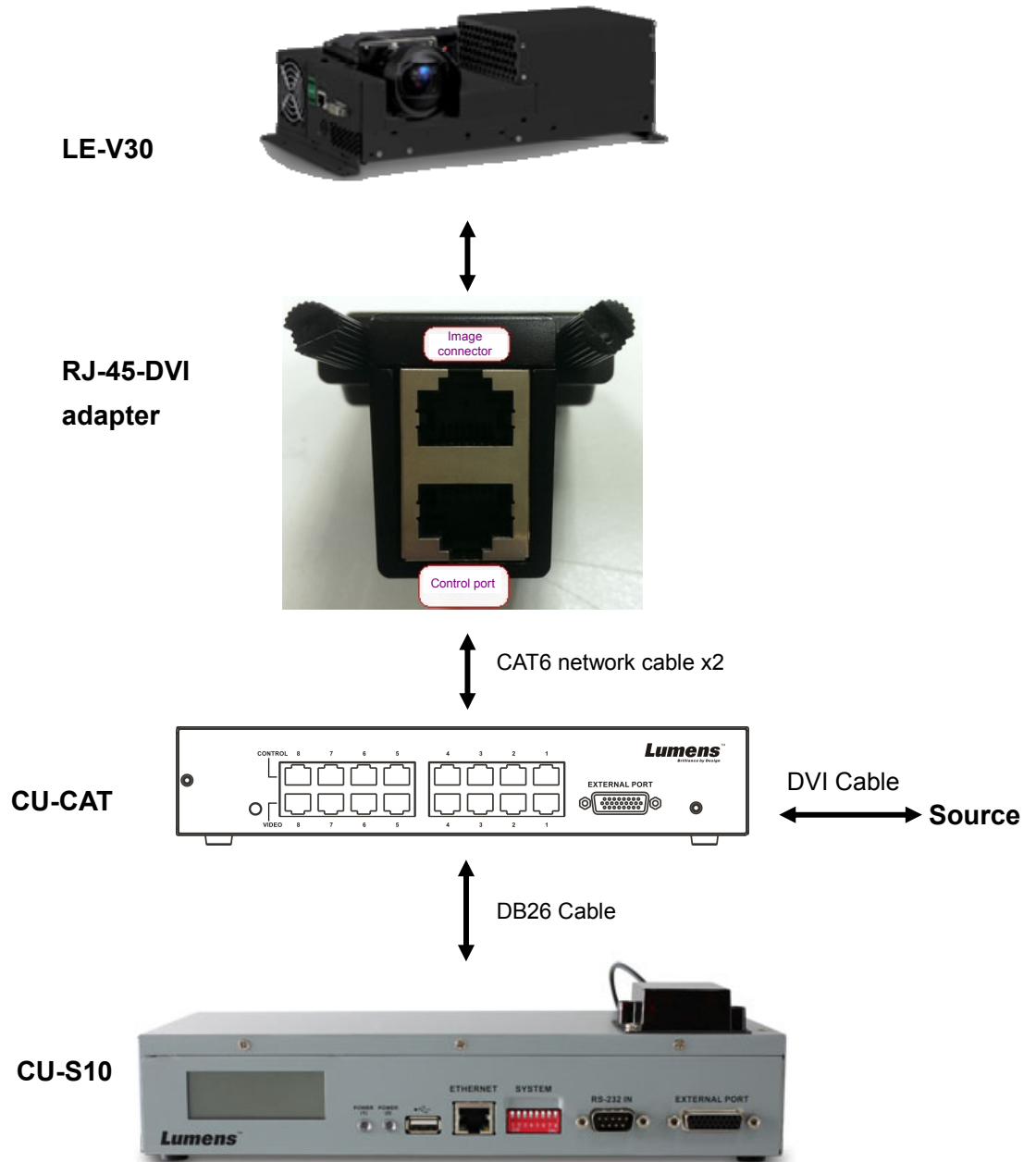


- 1 Power IN port
- 2 DVI IN port
- 3 **2Pin DIP switch**
 - 3.1 Pin 1
 - 3.1.1 Off : UART (default)
 - 3.1.2 On : EDID
 - 3.2 Pin 2 (pre-emphasis)
 - 3.2.1 Off : Enable(default)
 - 3.2.2 On : Disable

4. Starting Installation

4.1. Connect the LE-V series light engine, CU-S10

4.1.1. Use supplied accessories



5. Preliminary Test

- 5.1. Test starting control**
- 5.2. Check screen output**

6. Troubleshooting

Contact your dealer if problem persists.

6.1. Problems: CU-CAT is not powered on. LED indicator is off.

- Recommended solutions:
 - ◆ Please refer to the [Machine Installation] chapter and make sure all the wires are connected successfully.

6.2. Problems: No screen output

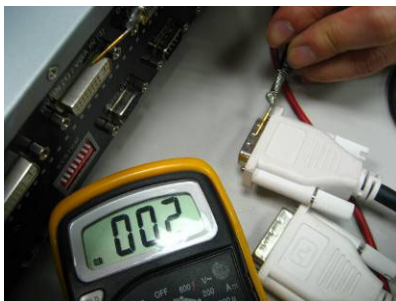
- Recommended solutions:
 - ◆ Please refer to the [Machine Installation] chapter and make sure all the wires are connected successfully.

6.3. Problems: How do I measure the potential difference

- Recommended solutions:
 - ◆ Use a multimeter and switch to the AC voltage for measurement



- ◆ Take measurements to observe any potential difference between device and cable (**Please specifically confirm the potential difference within the required 10 V**)



Measure the DVI cable