



# CH-506TXWP & RXWP

HDMI & IR over Single CAT5e/CAT6



Operation Manual



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## SAFETY PRECAUTIONS

Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply.

Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.
- Do not attach the power supply cabling to building surfaces.
- Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.
- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.
- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

## REVISION HISTORY

VERSION NO.	DATE DD/MM/YY	SUMMARY OF CHANGE
RDV1	14/02/12	Preliminary Release



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## 9. SPECIFICATIONS

### Transmitter

**Input** 1×HDMI, 1×IR Extender, 1×RS-232

**Output** 1×CAT5e/6, 1×IR Blaster

### Receiver

**Input** 1×CAT5e/6, 1×IR Extender

**Output** 1×HDMI, 1×RS-232, 1×IR Blaster

**Power Supply** 24V / 1.25A DC (US/EU standards, CE/FCC/UL certified)

**ESD Protection** Human-body Model:

±8kV (air-gap discharge)

±4kV (contact discharge)

**IR Frequency** 30~50 kHz

**Dimensions (mm)** 87(W) 97x (D) x 31 (H)/Tx

87(W) 97x (D) x 29(H)/Rx

**Weight (g)** 200

**Chassis Material** Aluminum

**Silkscreen Color** Black

**Power Consumption** TX: 3W ; RX: 6W

**Operating Temperature** 0 °C~40 °C/32 °F~104 °F

**Storage Temperature** -20 °C ~ 60 °C/-4 °F~140 °F

**Relative Humidity** 20~90 % RH (non-condensing)

## 10. ACRONYMS

ACRONYM	COMPLETE TERM
<b>CAT5e</b>	Category 5 Cable
<b>CAT6</b>	Category 6 Cable
<b>CEC</b>	Consumer Electronics Control
<b>DVI</b>	Digital Visual Interface
<b>HDCP</b>	High-bandwidth Digital Content Protection
<b>HDMI</b>	High Definition Multimedia Interface
<b>IR</b>	Infrared

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