

KONGIA 4K 8MP Video and Power Balun Pair, 2 Pieces

CCTV Accessories / Video Baluns

KONGIA balun pair for carrying HD analog video and camera power over one UTP cable. Up to 4K / 8MP, with BNC + DC and electrical parameters subject to validation.



BALÚN DE VIDEO + ENERGÍA 4K / 8MP • PAR DE 2 PIEZAS

KG-VB-08-PV

Category

passive HD analog video balun / transceiver

Sales unit

1 pair / 2 pieces

Channels

1 channel per pair

Key features

- Up to 4K / 8MP for HD analog video over UTP, subject to compatibility and testing
- Compatible with HDCVI, HDTV, AHD and CVBS
- One channel per pair
- Includes two pieces for the camera and DVR ends
- Passive design: the video circuit needs no external power
- Recommended for use with copper CAT5e or CAT6 UTP cable
- Video and power over a single UTP cable for a neater installation
- Power transmission distance depends on load, wire gauge, pairs used and voltage drop

Technical specifications

Parameter	Specification
Category	passive HD analog video balun / transceiver
Sales unit	1 pair / 2 pieces
Channels	1 channel per pair

Technical specifications

Parameter	Specification
Resolution	Up to 4K / 8MP, subject to system compatibility.
Compatibility	HDCVI / HDTV / AHD / CVBS; validate the compatibility matrix with cameras and DVRs
Recommended medium	CAT5e or CAT6 UTP, 100% copper
Interface	BNC for video + 2.1 mm male/female DC for power
Impedance	BNC 75 Ω and UTP 100 Ω nominal; confirm by measurement
Video circuit power	passive, no external supply required
Surge protection	Not confirmed; no surge protection is declared
Video + power transmission	Yes
Distances, temperature, materials, dimensions and weight	not published until validation of the final product is complete
Power rule	confirm polarity, voltage, maximum current, pairs used and voltage drop before installation
Warranty	5 years

Applications

HD analog video surveillance

Connect a camera to a DVR over UTP cable.

CCTV retrofits

Reuse existing copper CAT5e/CAT6 runs.

Professional installation

Neat connection between the camera, structured cabling and cabinet.

Video + power

Reduced cabling, subject to polarity and voltage-drop validation.

Packaging & contents

Sales package: 1 pair / 2 pieces.

Warranty

KONGIA 5-year warranty.

Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant · CNAS