

NX-2KV

8MP Passive Video Balun with 2KV Surge Protection

8MP clarity over UTP.
2KV protected.



Passive video balun designed for transmitting high-definition analog video signals up to **8MP resolution** over standard UTP Cat5e/Cat6 cable — eliminating costly coaxial cable runs. The NX-2KV features built-in **2KV lightning surge protection** to safeguard cameras and recorders from voltage spikes. Compatible with all major analog HD formats: HD-TVI, HD-CVI, AHD, and CVBS. Supplied as a matched pair (transmitter + receiver) for one complete channel.

KEY FEATURES

- ✓ **Supports Up to 8MP Resolution** — transmits HD-TVI, HD-CVI, AHD, and CVBS signals without signal loss
- ✓ **2KV Lightning Surge Protection** — built-in surge suppressor protects cameras and DVRs from voltage spikes
- ✓ **Passive Design — No Power Needed** — zero power consumption — no adapter required at either end
- ✓ **UTP Cat5e/Cat6 Compatible** — replaces coaxial cable runs — use existing structured cabling infrastructure
- ✓ **Colour-Coded Pair** — blue and red colour coding eliminates TX/RX confusion during installation
- ✓ **24-Month Warranty** — backed by reliable after-sales support

APPLICATIONS

- CCTV & IP Surveillance Systems
- Corporate Office Buildings
- Factories & Industrial Facilities
- Retail Stores & Shopping Malls
- Banks & Financial Institutions
- Residential Complexes

TECHNICAL SPECIFICATIONS

Model	NX-2KV
Type	Passive Video Balun (Pair)
Max Resolution	Up to 8MP
Supported Formats	HD-TVI, HD-CVI, AHD, CVBS
Surge Protection	2KV Lightning Surge Suppressor
Cable Type	UTP Cat5e / Cat6
Connector (Camera Side)	BNC Male
Connector (Cable Side)	Screw Terminal
Transmission Distance	Up to 300m (8MP); up to 500m (lower res)
Power Requirement	None (passive)
Colour Coding	Blue (TX) + Red (RX)
Operating Temperature	-10°C to 60°C
Warranty	24 Months
Package Contents	1× TX balun + 1× RX balun (matched pair)

CERTIFICATIONS & COMPLIANCE

CE

RoHS