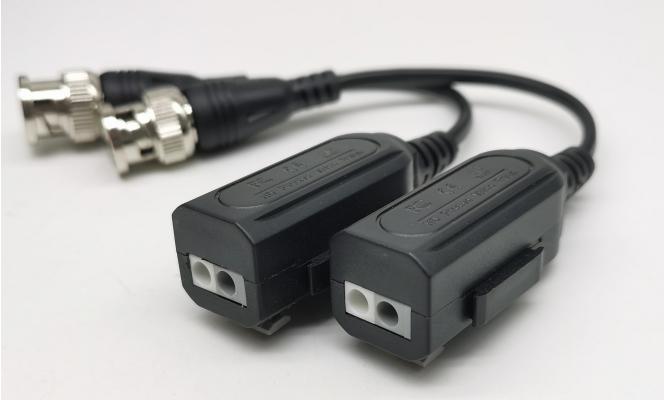
# HD Video Balluns
## WBXHDPOCB1

ADI PRO

### Single Channel POC & HD Video Balun



## WBXHDPOCB1

### Features

Transmission distance:
HDCVI 720P: 400m /1080P: 250m/4MP:200m HDTVI 720P/1080P:
250m/4MP:200m AHD 720P: 350m/1080P:
200m/4MP:200m

Power transmission up to 100m

It support power supply on 12V DC or 24V AC

Built-in surge&transient protection

Super interference rejection

LED indicate whether working (green light) or not working (yellow light)

UPC: 840049304710

Warranty: Limited Lifetime

PART #: WBXHDPOCB1

For more information contact your ADI sales person or visit us at www.adiglobal.com

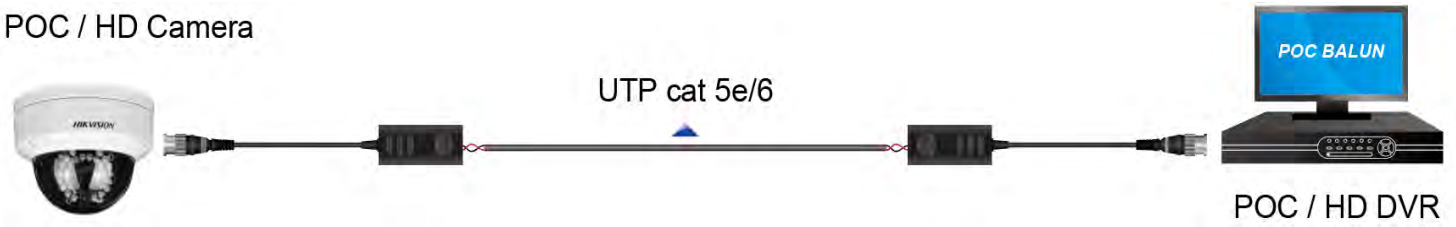
CE UKCA RoHS COMPLIANT

# HD Video Balluns
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**Transmission Distance Chart (without power)**

| Input Power | Distance | Output Voltage | Output Current | Load Capacity |
|---|---|---|---|---|
| DC48V 500mA | 10 meters | 47.45V | 200mA | 9.49W |
| | 30 meters | 46.81V | 200mA | 9.36W |
| | 50 meters | 45.57V | 200mA | 9.1W |
| | 100 meters | 44.33V | 200mA | 8.87W |
| | 150 meters | 41.81V | 200mA | 8.36W |
| **Peak Current > 200mA and Peak Power > 8.5W** | | | | |

| Camera Type | HD-TVI | HD-CVI | HD-AHD |
|---|---|---|---|
| 720P camera | 400m(1312ft) | 450m(1476ft) | 450m(1476ft) |
| 960P camera | Not tested | Not tested | 320m(1049ft) |
| 1080P camera | 250m(820ft) | 250m(820ft) | 250m(820ft) |
| 3MP camera | 250m(820ft) | Not tested | 250m(820ft) |
| 4MP camera | 180m(590ft) | 200m(656ft) | 200m(656ft) |
| 5MP camera | 180m(590ft) | Not tested | 180m(590ft) |
| 4K Camera | 150m(426ft) | 150m(426ft) | 150m(492ft) |
| CVBS camera | 400m(1312ft) | | |




**Technical Specifications**

| | | |
|---|---|---|
| Model | | WBXHDPOCB1 |
| Product Name | | Single Channel POC & HD Passive Video Balun |
| Applied Devices | | CCTV POC/HD cameras, monitors, POC/HD DVR, and other CCTV equipment |
| Video | Video Format | HD-TVI/CVI/AHD/CVBS |
| | Operating Frequency | DC to 71MHz |
| | Common-mode/Differential-mode rejection | 15KHz to 71MHz 60 dB typ |
| | Impedance | Coax: Male BNC 75Ω unbalanced |
| | | UTP, push-pin terminal block 100Ω balanced |
| | Attenuation | 1.5 dB typ Max |
| Wire Type | Network Wiring | One Unshielded Twisted Pair (for each video signal) 24-16 AWG (0.5-1.31mm) |
| | Category Type | UTP cat 5e/6 |
| | Impedance | 100 ± 20 ohms |
| | DC Loop Resistance | 52 ohms per 1,000ft (18 ohms per 100m) |
| | Differential Capacitance | 19 pF/ft max (62 pF/m max) |
| Power | | 36V~48V |
| Connector | Video input/output | Male BNC connector |
| | Video input/output | Tool-less push-pin terminal block |
| Protection | Surge Protection | renewable solid state surge protection |
| | Video Input | 2KV(common mode), 10/700us IEC61000-4-5 |
| | Video Output | 2KV(differential mode), 10/700us IEC61000-4-5 |
| Mechanical | Housing | ABS engineering plastic |
| | Body Colour | Black |
| | Dimensions(L*W*H) | 40.7*18.7*17mm (BNC connector & cable excluded) |
| | Net Weight | 22g |
| Environmental | Operating Temperature | -20° ~55° C |
| | Relative Humidity | 0~95% (non-condensing) |
| | Storage Temperature | -40° ~ 150° C |
| | Warranty | 3 years |