

## DS-1H18S/E(B) HD Video Balun

The DS-1H18S/E(B) video balun is a passive device that allows the transmission of real-time CCTV HD video signal and power via cost-effective Unshielded Twisted Paired (UTP) cable



### Features and Functions

- Real-time transmission over UTP cat5e/6
- Compatible with all HD-TVI/CVI/AHD/CVBS analog camera
- Low crosstalk and noise suppressions
- Male BNC connector
- Built-in solid state TVS (Transient Voltage Suppressor) for surge protection
- Wave Filter Design, Anti-Static Design
- Power and video signals transmit over one twist pair cable
- 60 dB crosstalk and noise immunity
- Exceptional interference rejection
- ABS engineering plastic housing
- Compatible with HD-TVI, HD-CVI, AHD and CVBS

## Specifications

Model		DS-1H18S/E(B)
Properties	Transmission Signal	1 channel
	Transmission Distance	POC Camera: Max 200m Non-POC Camera: Max 350m
	Category Type	UTP CAT 5E/ 6 (R<100Ω/100M)
Video Transmission Properties and Port	Coaxial Video Connector	BNC-M
	Twisted-pair Video Connector	Tool-less push-pin terminal block
	Compatible Format	HD-TVI/CVI/AHD/CVBS
	Resolution	720P/960P/1080P/3MP/4MP/5MP/8MP
	Ant-interference	>60db
Protection	ESD	1a contact discharge electricity level3
		1b air discharge electricity level3
		Per: IEC61000-4-2
	Coaxial Cable Connector	2KV (common-code) Per: IEC61000-4-5
	UTP Cable Connector	2KV (different-code), 2KV (common-code) Per: IEC61000-4-5
Impedance	BNC Male	75 ohms
	UTP Cable	100 ohms
Physical Properties	Shell	ABS engineering plastic
	Color	Black
	Dimensions	38.4*18.6*19.5mm (BNC connector & cable excluded)

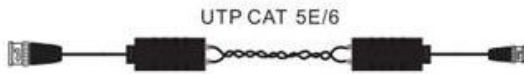
	<b>( L x W x H )</b>	
	<b>Weight</b>	22g
<b>Stability</b>	<b>MTBF</b>	>10000h
<b>Environmental</b>	<b>Operating Temperature</b>	-20° ~55° C
	<b>Storage Temperature</b>	-40° ~ 150° C
	<b>Humidity</b>	0-95% (non-condensing)

Camera Type	HD-TVI	HD-CVI	HD-AHD
720P camera	350m(1148ft)	400m(1312ft)	450m(1476ft)
960P camera	/	/	350m(1148ft)
1080P camera	250m(820ft)	250m(820ft)	250m(820ft)
3MP camera	250m(820ft)	250m(820ft)	250m(820ft)
4MP camera	210m(689ft)	210m(689ft)	200m(656ft)
5MP camera	210m(689ft)	210m(689ft)	190m(623ft)
8MP camera	200m(656ft)	200m(656ft)	190m(623ft)
CVBS camera	400m(1312ft)		

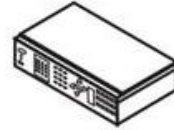
## Typical Application



HD CAMERA



UTP CAT 5E/6



HD DVR