

BL-1H18

HD Video Balun

The BL-1H18 video balun is a passive device that allows the transmission of real-time CCTV HD video signal via cost-effective Unshielded Twisted Paired (UTP) cable.



Key Feature

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

Specification

Model		BL-1H18
Properties	Transmission Signal	1 channel
	Transmission Distance	Max 350m
	Category Type	UTP CAT 5E/ 6
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	Contact discharge electricity level3
		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 (L x W x H)	175.3*15.4*17.8mm (BNC connector & cable excluded)
	Weight	39g
Stability	MTBF	>10000h
Environmental	Operating Temperature	-20° ~55° C
	Storage Temperature	-40° ~ 150° C
	Humidity	0-95% (non-condensing)

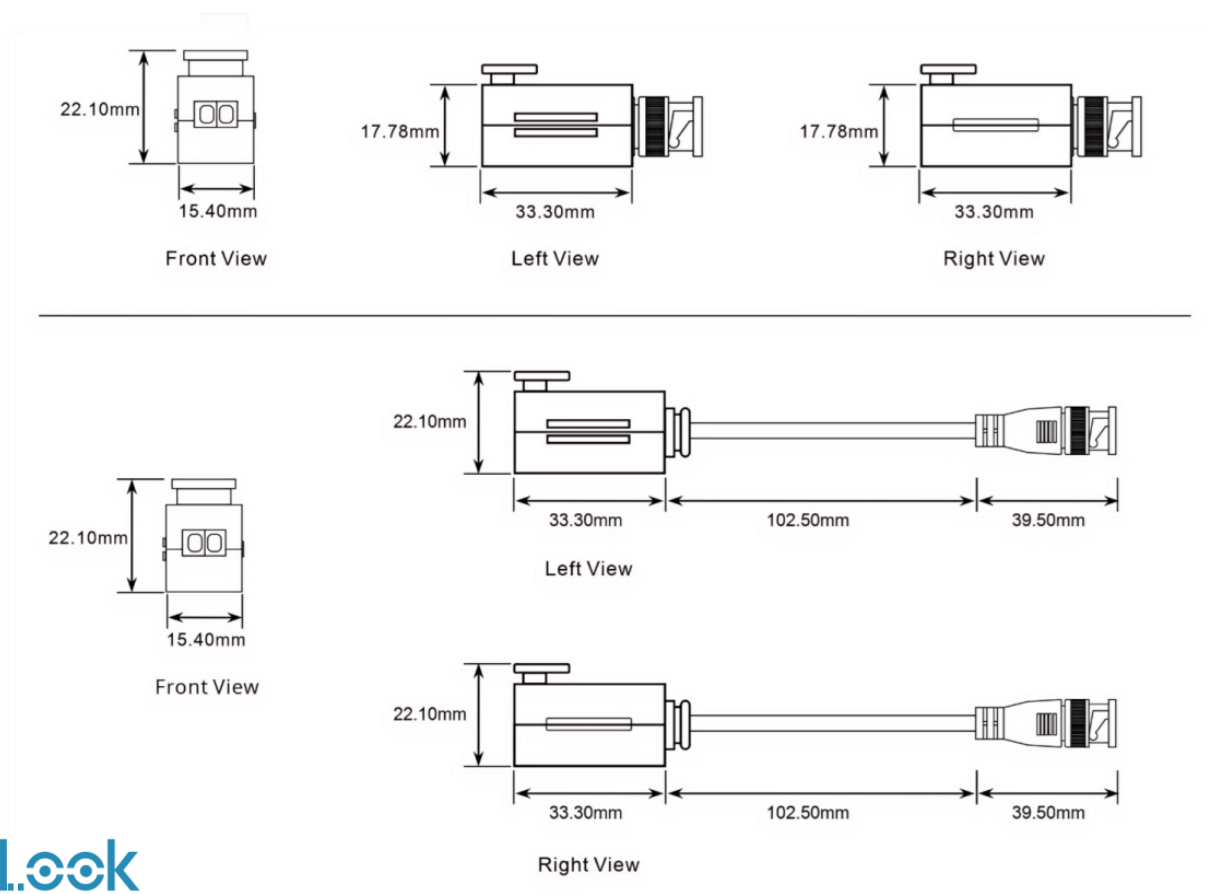
Transmission distance

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	200m(656ft)	200m(656ft)	200m(656ft)
5MP camera	200m(656ft)	200m(656ft)	190m(623ft)
4K camera	150m(492ft)	150m(492ft)	140m(459ft)
CVBS camera	400m(1312ft)		

Note:

This distance chart is only for reference, the actual testing distance is related to the on-site environment, testing equipment and cables. Please refer to the actual testing distances!

Dimension



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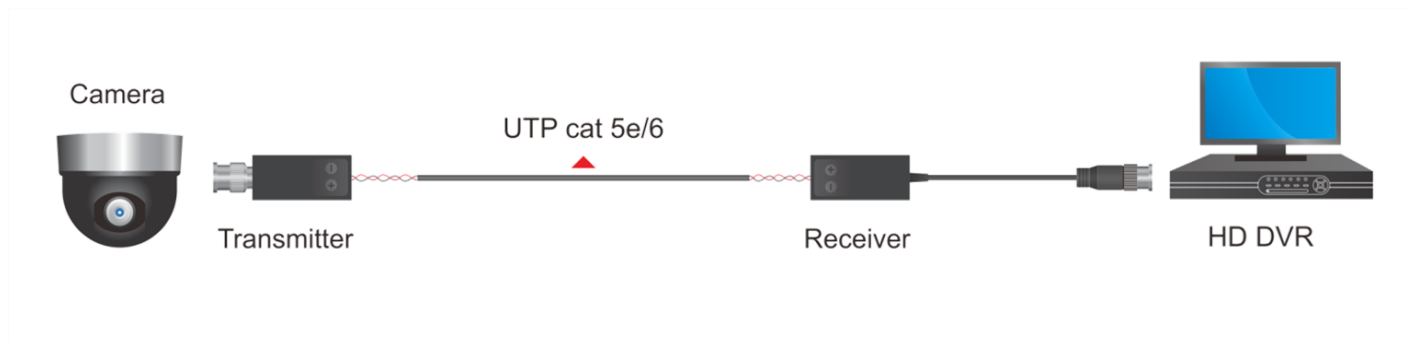


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Corporate Channel



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Typical Application



Available Model

BL-1H18



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