

HK-307400306

Hikvision DS-1h18s/e(c) Video Balun for Real-Time 1-channel CCTV Video transmission over UTP Cat5E/CAT6 cable

Product Overview

Hikvision DS-1h18s/e(c) Video Balun for Real-Time 1-channel CCTV Video transmission over UTP Cat5E/CAT6 cable, Up to 350 m, Compatible with HD-TVI / TVI / AHD / CVBS, Supports resolutions up to 8MP, Greater than 60 dB anti-interference, BNC Male and tool-less push-pin Terminal Block, TVs Surge protection



Specifications

Overview Summary:

The Hikvision DS-1H18S/E(C) Video Balun provides reliable real-time video transmission for compatible CCTV cameras over UTP CAT5e or CAT6 cabling. Supporting HD-TVI, AHD and CVBS formats with transmission distances of up to 350m, it is suitable for a range of surveillance installations.

With broad resolution support and strong interference rejection, this compact video balun is a practical choice for CCTV installers and security system upgrades in South Africa. Buy now or shop now for dependable camera video transmission.

Performance tier:Professional

Uses:CCTV camera installations, HD analog surveillance, long-distance video transmission, security system upgrades, UTP-based camera cabling

Overview:

Hikvision DS-1H18S/E(C) Video Balun

The Hikvision DS-1H18S/E(C) video balun provides reliable real-time video transmission over UTP Cat5e or Cat6 cable for compatible HD-TVI, TVI, AHD and CVBS analog camera systems. Designed for CCTV installations, it supports transmission distances of up to 350 m while helping reduce interference, crosstalk and noise.

The compact balun uses a BNC male connector for coaxial video and a tool-less push-pin terminal block for twisted-pair connections, making it practical for installations where video needs to be transmitted over UTP cabling. It supports a wide range of video resolutions, from 720P and 960P through to 1080P, 3MP, 4MP, 5MP and 8MP.

Description:

The Hikvision DS-1H18S/E(C) video balun is designed to transmit one channel of CCTV video over UTP Cat5e or Cat6 cable, with support for HD-TVI, TVI, AHD and CVBS formats. With a maximum transmission distance of 350 m, more than 60 dB of crosstalk and noise immunity, and built-in surge protection, it is suited to a range of analog HD surveillance installations. The ABS engineering plastic housing provides a compact and lightweight design for practical deployment.

Features:**Reliable CCTV Video Transmission**

Using UTP Cat5e or Cat6 cabling, the DS-1H18S/E(C) supports real-time transmission for compatible analog camera systems. Its wave filter and anti-static design help provide interference rejection, while the stated greater than 60 dB anti-interference performance helps minimise the effects of crosstalk and noise.

The video balun supports a maximum transmission distance of 350 m and can handle resolutions ranging from 720P up to 8MP, depending on the compatible camera system and installation.

Key transmission points:

- 1-channel video transmission
- Maximum transmission distance of 350 m
- UTP Cat5e/Cat6 cable support
- Compatible with HD-TVI, TVI, AHD and CVBS
- Supports 720P, 960P, 1080P, 3MP, 4MP, 5MP and 8MP resolutions
- Greater than 60 dB anti-interference performance

Surge and Interference Protection

The DS-1H18S/E(C) incorporates solid-state TVS protection for surge protection and includes a wave filter design and anti-static design. The specified protection levels cover both the coaxial and UTP cable connections, helping the unit withstand electrical interference encountered in CCTV installations.

Protection includes:

- ESD contact discharge level 3 and air discharge level 3 according to IEC61000-4-2
- 2KV common-mode protection for the coaxial connector according to IEC61000-4-5
- 2KV different-mode and common-mode protection for the UTP connector according to IEC61000-4-5

Connections and Construction

The Hikvision video balun uses a 75 ohm BNC male video connector and a 100 ohm UTP cable interface. The twisted-pair connection uses a tool-less push-pin terminal block, allowing straightforward connection during installation.

The housing is made from ABS engineering plastic and has a black finish. With a weight of just 39 g, the unit is compact and lightweight.

Technical Details

- Model: Hikvision DS-1H18S/E(C)
- Part Number / SKU: HK-307400306
- Product type: Video Balun
- Transmission signal: 1 channel
- Maximum transmission distance: 350 m
- Cable type: UTP Cat5e/Cat6
- Coaxial connector: BNC male
- Twisted-pair connector: Tool-less push-pin terminal block

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Product Specification Sheet

- Compatible formats: HD-TVI/TVI/AHD/CVBS
- Resolution support: 720P/960P/1080P/3MP/4MP/5MP/8MP
- BNC impedance: 75 ohms
- UTP cable impedance: 100 ohms
- Housing: ABS engineering plastic
- Colour: Black
- Dimensions: 175.3 x 15.4 x 17.8 mm, excluding BNC connector and cable
- Weight: 39 g
- MTBF: Greater than 10000 h
- Operating temperature: -20 to 55 C
- Storage temperature: -40 to 150 C
- Humidity: 0 to 95%, non-condensing

The Hikvision DS-1H18S/E(C), part number / SKU HK-307400306, is a practical choice for extending compatible CCTV video signals over UTP Cat5e or Cat6 cabling while maintaining support for a broad range of analog video formats and resolutions.

Specifications:

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Specifications	
Product Code	HK-307400306
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/TVI/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	

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Product Specification Sheet

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	39 g
Stability	
MTBF	>10000 h
Environmental	
Operating Temperature	-20° ~55° C
Storage Temperature	-40° ~ 150° C
Humidity	0~95% (non-condensing)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx-computers.co.za/HK-307400306-Hikvision-DS-1h18s-e-c-Video-Balun-for-Buy-p-340441.php>

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