

FEATURES

- Colour Video Signal up to 1300ft (400m) & Monochrome (B&W) up to 1950ft (600m) via UTP cat5e/6
- NTSC, PAL & SECAM Video Format Compatible
- No Power Required
- Female BNC Connectors
- Built-in TVS for Surge Protection
- 50 dB Crosstalk and Noise Immunity
- Rack, Wall Mountable & Desk Installation
- RJ45 and Detachable Terminal Blocks for UTP cat5e/6
- Exceptional Interference Rejection
- Lightning Protection Design Grade: III
- Compact Size for Easy Installation
- Black Galvanized Housing

The HAY-VB multi port video balun are passive (non-amplified) devices that allow the transmission of real-time CCTV video signal via cost-effective. Unshielded Twisted Pair (UTP) cable. Base band (composite) signals of any type are supported. The range supports pluggable screw terminals or RJ45 connections. Used in pairs, the range eliminates costly and bulky coaxial cable, allowing colour video signal up to 1300ft/400m, compatible with all the range of passive units. With an active receiver unit distance of up to 2600ft/800m. The interference rejection and low emissions of the range allow video signals to coexist in the same wire bundle as telephone, datacom, or low-voltage power circuits. This allows the use of a shared or existing cable run. All the range has built-in surge suppression to protect video equipment against damaging voltage spikes. Its crosstalk and noise immunity ensures quality video signals.

HAY- VB04



4 Channel Passive Video Transceiver

HAY-VB08



8 Channel Passive Video Transceiver

HAY-VB16



16 Channel Passive Video Transceiver

HAY-VB32



32 Channel Passive Video Transceiver

Model	HAY-VB04	HAY-VB08	HAY-VB16	HAY-VB32	
Product Type	Channel Passive Video Transceiver Hub				
Channels	4 Channel	8 Channel	16 Channel	32 Channel	
Applied Devices	CCTV Cameras, Monitors, DVR, Switchers, IP Encoders				
Video	Video Format	NTSC, PAL, SECAM			
	Operation Frequency	DC to 5MHz			
	Max Distance	UTP Category 5e (24AWG) Colour: 1300ft(400m) B&W: 1950ft(600m)			
	Common Mode/ Differential-mode Rejection	15 KHz to 5MHz 60 dB typ			
	Impedance	Coax, Female BNC 75 ohms			
		UTP, Screw Terminal Block or RJ45 100 ohms			
Attenuation	0.5 dB typ				
Wire Type	Network Wiring	One Unshielded Twisted Pair (for each video signal) 24-16 AWG (0.5 – 1.31mm)			
	Category Type	2 or Better			
	Impedance	100 ± 20 ohms			
	DC Loop Resistance	52 ohms per 1000ft (18 ohms per 100m)			
	Differential Capacitance	19 pF/ft max (62 pF/m max)			
Power	No External Power Required				
Connector	Video Input/Output	Female BNC Connector			
	Video Output/Input	Plug-in Screw Terminal Block and RJ45 for UTP (select one connection)		Screwless Terminal Block and RJ45	
Protection	Surge Protection	Build-in Transient Voltage Suppressor (TVS)			
	Ground Isolation	YES			
	Antistatic	YES			
Mechanical	Dimensions (L*W*H)	180 x 85 x 32 mm	180 x 85 x 32 mm	430 x 110 x 47mm	430 x 110 x 47mm
	Housing	Galvanized			
	Body Colour	Black			
	Net Weight	450g	450g	1340g	1380g
	Mounting	Two 0.175 in (4.4mm) Diameter Holes			
	Desk Installation	4 Rubber Feet			
Environmental	Operation Temperature	-25° ~ 75° C	-25° ~ 75° C	-25° ~ 75° C	-20° ~ 70° C
	Relative humidity	0 – 95% (non condensing)			
	Storage Temperature	-40° ~ 150° C	-40° ~ 150° C	-40° ~ 150° C	-20° ~ 85° C