

OV-200

AHD/CVI/TVI/CVBS

SINGLE CHANNEL HD PASSIVE VIDEO BALUN

- The OV-200 video balun is a passive (non-amplified) device that allows the transmission of real-time CCTV HD video signal via cost-effective Unshielded Twisted Paired (UTP) cable. The OV-200 is compatible with all HD-TVI, HD-CVI, AHD and CVBS analog cameras.
- The OV-200 has a mini-coax pigtail lead which allows quick mounting onto fixed cameras, allows in-camera mounting in most dome cameras and allows flexible connection with DVR. Reliable Screw terminals block connection, the OV-200 eliminates costly and bulky coaxial cable.
- The superior interference rejection and low emissions of the OV-200 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 plant. The OV-200 is built-in surge suppressor to protect video equipment against damaging voltage spikes. Its crosstalk and noise immunity ensure quality video signals.



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Technical Specifications

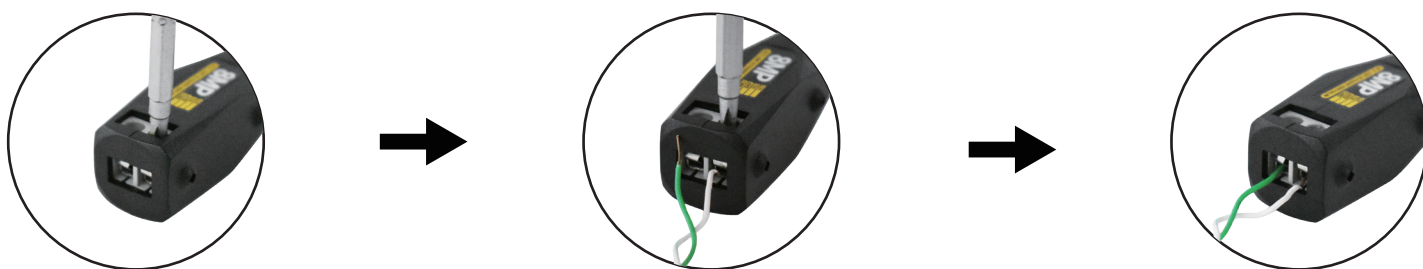
Model		OV-200						
Product Name		Single Channel HD Passive Video Balun						
Applied Devices		CCTV cameras, monitors, DVR, switchers, IP encoders, and other CCTV equipment						
Video	Video Format	HD-TVI/CVI/AHD/CVBS						
	Operating Frequency	DC to 42MHz						
	Max Distance	HDCVI	720P	1080P	4MP	5MP	6MP	4K
		Color video	400m	300m	250m	250m	200m	200m
		HDTVI	720P	1080P	3MP	5MP	8MP	
		Color video	200m	200m	180m	150m	150m	
		AHD	720P	960P	1080P	3MP	4MP	5MP
	Color video	400m	400m	300m	300m	250m	250m	
	Color video Mac up to 400m for CVBS camera							
Common-mode/Differential-mode rejection	15KHz to 42MHz 60 dB typ							
Impedance	Coax: Male BNC 75Ω unbalanced							
	UTP: screw terminal 100Ω balanced							
Attenuation	1.5 dB typ Max							
Wire Type	Network Wiring	Unshielded Twisted (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/mmax)						
Power		No external power required						
Connector	Video input/output	Male BNC connector						
	Video input/output	Screw terminal						
Protection	Surge Protection	renewable solid state surge protection						
	Video Input	2KV(common mode), 10/700us IEC61000-4-5/1955(GB/T1726, 5-1999)						
	Video Output	2KV(different mode),10/700us IEC61000-4-5/1955(GB/T1726,5-1999)						
Mechanical	Housing	ABS engineering plastic						
	Body Color	Black						
	Dimensions(L*W*H)	39mm*16mm*16mm(BNC connector & cable excluded)						
	Net Weight	37g(pair)						
Environmental	Operating Temperature	-20° ~ 70° C						
	Relative Humidity	0~95% (non-condensing)						
	Storage Temperature	-40° ~ 150° C						

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Connectable design for neat installation



Installation Step:



Application Diagram

