

**HYUNDAI**  
ELECTRONICS

# **Volume Adjustable**

# **HYU-CC-AVBHDVPD**

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USER MANUAL

## HD Video & Power and data Transmitter & Receiver



### Features:

- ✧ Hybrid Passive Balun/No Power Required.
- ✧ Real-time Transmission over UTP CAT5E/6
- ✧ Compatible with all HD-TVI,CVI AHD and EX-SDI analog camera
- ✧ Stackable Design, Extend One Channel to Multi-Channel
- ✧ RJ45 Jack for UTP cable
- ✧ Real-time Transmission over UTP cat5e/6
- ✧ Super Interference Rejection
- ✧ Transmission Signal: 1080P, Max.250M 720P,Max.300M,4K
- ✧ Built-in Surge & Transient Protection & Lightning Protection
- ✧ Utilizes 105°C Long-life Electrolytic Capacitors.

### Specialty:

- ✧ HYU-CC-AVBHDVPD is a passive high definition TVI transmitter, small size and easy installation, transmission distance of color signal up to 200m, EX-SDI signal up to 70m.
- ✧ It is very suitable for middle distance video surveillance, such as office building, community, school and hospital etc.

## Specifications:

<b>Model</b>		<b>HYU-CC-AVBHDVPD</b>
Product Name		Single Channel HD Video &Power Transmitter & Receiver
Applied Devices		CCTV Cameras , Monitors, DVR and other CCTV equipments
Video	Video Format	PAL, NTSC, SECAM
	Operating Frequency	DC to 42MHz
	Max Distance	720P 300m
		1080P 200m
	Common-mode/Differential-mode Rejection	15KHz to 42MHz 60 dB typ
	Impedance	Coax, Male BNC 75 ohms unbalanced UTP, RJ45 100 ohms balanced
Attenuation	1.5 dB typ Max	
Wire Type	Network Wiring	One Unshielded Twisted Pair(for each video signal) 24-16AWG(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	Power Input	No external Power Required
	Power Transmission	12VDC/24VAC, via UTP CAT5E/6
Connector	Video Input/Output	Male BNC Connector
	Video Input/Output	RJ45 Jack
Protection	Surge Protection	Remewable Solid State Surge Protection
	Video Input	2KV(common mode), 10/700us IEC6100-4-5/1955(GB/T 1726,5-1999)
	Video Output	2KV(common mode), 10/700us IEC6100-4-5/1955(GB/T 1726,5-1999)
Mechanical	Housing	ABS engineering plastic
	Body Color	Black
	Dimensions(L*W*H)	60.4*29*20.4MM(BNC Connector & cable excluded)
	Net Weight	80g
Environmental	Operating Temperature	-20 ~ 70
	Relative Humidity	0~95%(non-condensing)
	Storage Temperature	-40 ~ 150 °C

**For Inquiries, Please Contact:**

**Security Shop**  
Vladimira Popovica 6/6/A606  
11070 Novi Beograd, Serbia  
Tell +381 11 318 68 68  
[office@securityshop.rs](mailto:office@securityshop.rs)