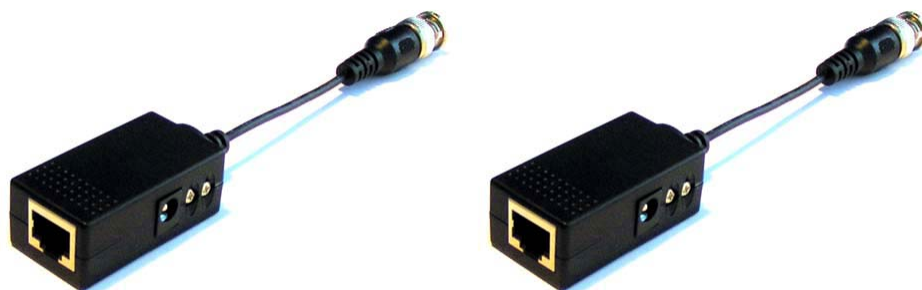


MODEL : B102



Low-cost internet twisted pair to transmit and receive video signal, mainly used in CCTV field.

It adopts UTP and STP twisted pair enable to transmit black and white image to 600 meters and the color image to 500 meters. When used in short distance even the normal telephone wire can be used instead of it.

Provide power and control signal when transmit video at the same time.

Save circuitry cost and build, maintenance expenses for customers.

Features

◉ **Almightiness**

Express the full function of pair wire video transmission technology, compatible for any CCTV equipment, transmits video, audio and control signal at the same time.

◉ **Compatible comprehensive wire arrangement standard**

Moveable RJ-45 port and standard EIA/TIA568B connection technique, low radicalization so that B102 can completely compatible comprehensive wire arrangement international standard, make traditional simulation of video, audio, control, induction signal unit with internet, telephone to become a real currency, comprehensive wire arrangement system.

◉ **Fit for high density and straitness environment**

The moveable BNC video port makes B102 especially not only fit for DVR, matrix, video convertor which are the high density connection environment, but also fit for straitness environment as dome.

◉ **No tool install**

Direct current DC port design cooperates with direct power supply design. When B102 used in pair, the terminal power directly plug in B102 and uses power bridle wire connects with camera directly, so do not need to remove the wire and screwing, achieve the real install without tools.

◉ **Optional simple video connect port**

Optional video connect port, simple screw port design, only use one pair twisted pair to transmit video so as to achieve " 1=4 " , that means one twisted transmits four way video, enhances the transmit density of twisted wire. This design also makes B102 compatibles other passive video convertor products.

Datasheet

Frequency	Base band
Equipment interface: input	RJ-45, option video input: screw port
	Output: BNC video port, POWER direct port, AUDIO/PTZ screw port
Video Attenuation	DC to 5 Mhz : 0.5 dB
CM/DM Rejection	50KHz to 5 Mhz : 60 dB
Impedance	BNC : 75 ohms, UTP : 100 ohms
Color video transmit distance	500m over CAT.5e
Black and white video transmit distance	600m over CAT.5e
Transmit media requirement	Twisted pair wire 24-16 AWG (inside diameter higher than mm)
Media class requirement	Be equivalent to CAT.2, the second class or higher
Wire impedance requirement	100 ± 20 ohms
Wire direct current loop resistance requirement	Lower than 18ohms/100m
Differential capacitance requirement	Lower than 62pF/m
Power	Direct current output
Supply voltage	No higher than DC 24V
Supply electrical current requirement	No higher than 800mA
Working temperature	-10 - 65 C
Working humidity	0 - 85%
Volume	175(L) x 26(W) x 20(H) mm
Weight	30g
Packing dimension	232(L) x 152(W) x 40(H) mm (four inside)
Packing weight	(four inside)

Usage example

